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IMAGE SOURCE: USGS 24K Quad

FIGURE 4.5-1

Newhall Ranch - RMDP/SCP EIS/EIR  
**Regional Map**





**Legend**

-  RMDP Boundary
-  SCP Boundary
-  County Boundary
-  2004 CDFG ACOE Jurisdiction

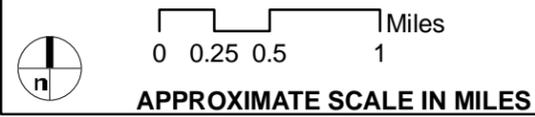
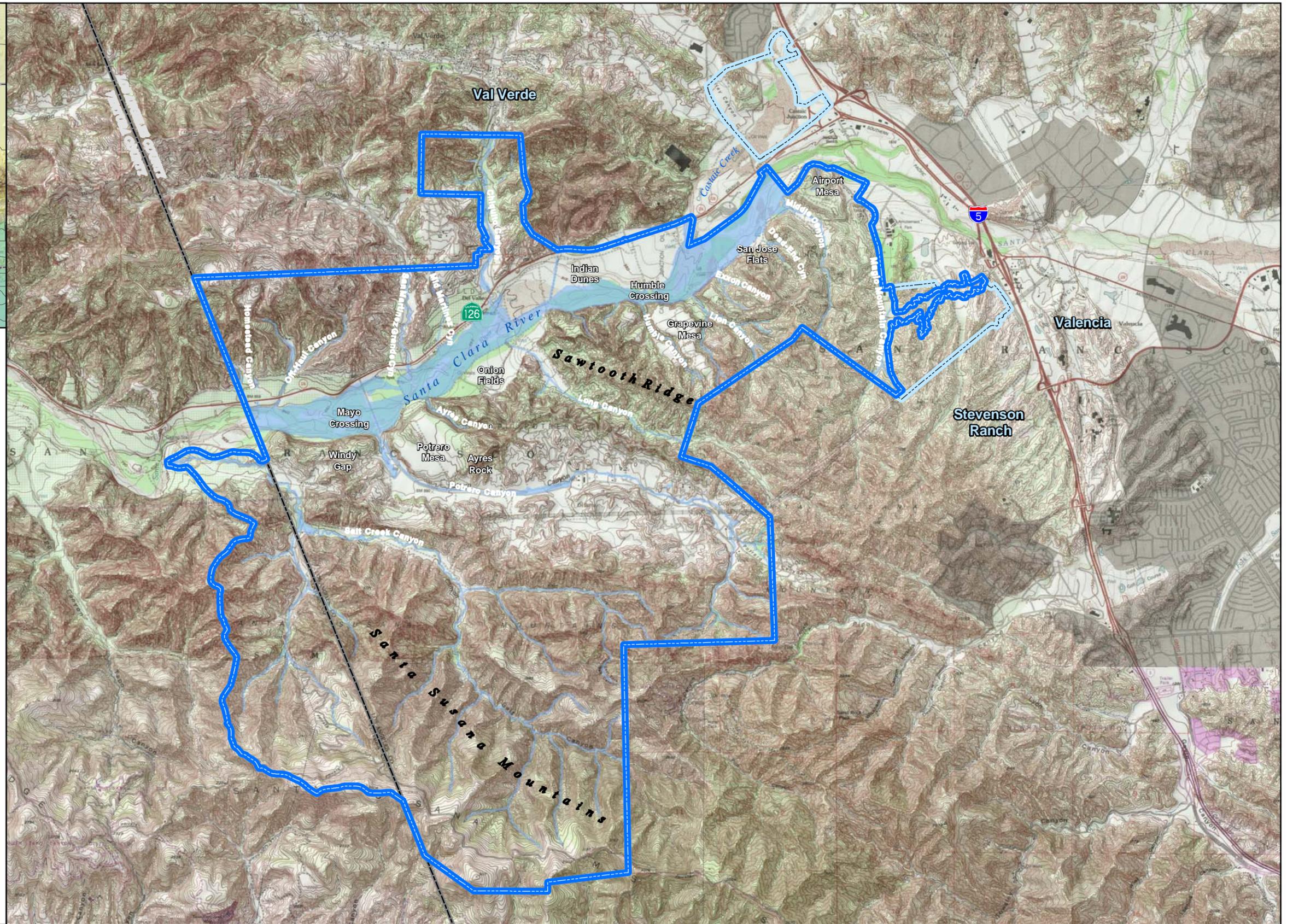


IMAGE SOURCE: USGS 24K Quad



**FIGURE 4.5-2**  
 Newhall Ranch - RMDP/SCP EIS/EIR  
**Vicinity Map**

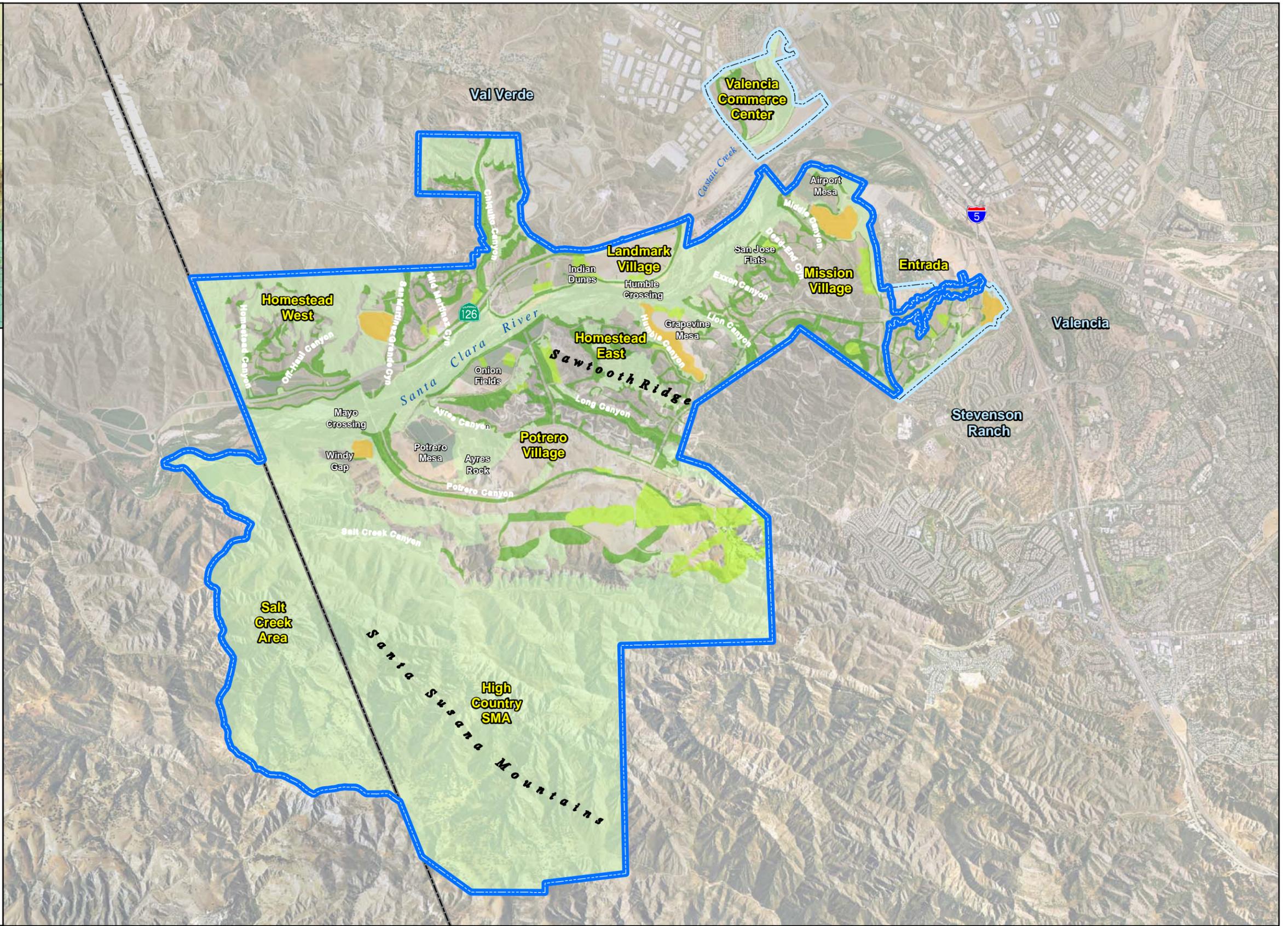
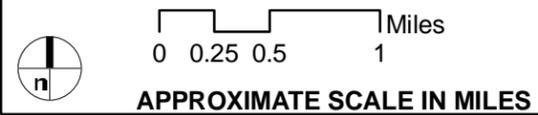


**Legend**

- RMDP Boundary
- SCP Boundary
- County Boundary

**Open Space**

- Open Space Man-Made
- Open Space Natural
- Open Space Recreation
- Open Space Restoration
- Spineflower Preserves



AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-3

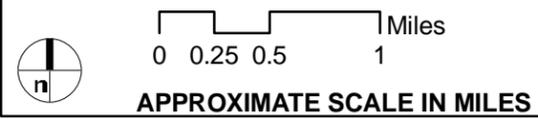
Newhall Ranch - RMDP/SCP EIS/EIR

**RMDP Study Area**



**Legend**

-  SCP Boundary
-  County Boundary
-  Proposed Spineflower Preserve



AERIAL SOURCE: DigitalGlobe, 2007

**FIGURE 4.5-4**  
 Newhall Ranch - RMDP/SCP EIS/EIR  
**SCP Study Area**

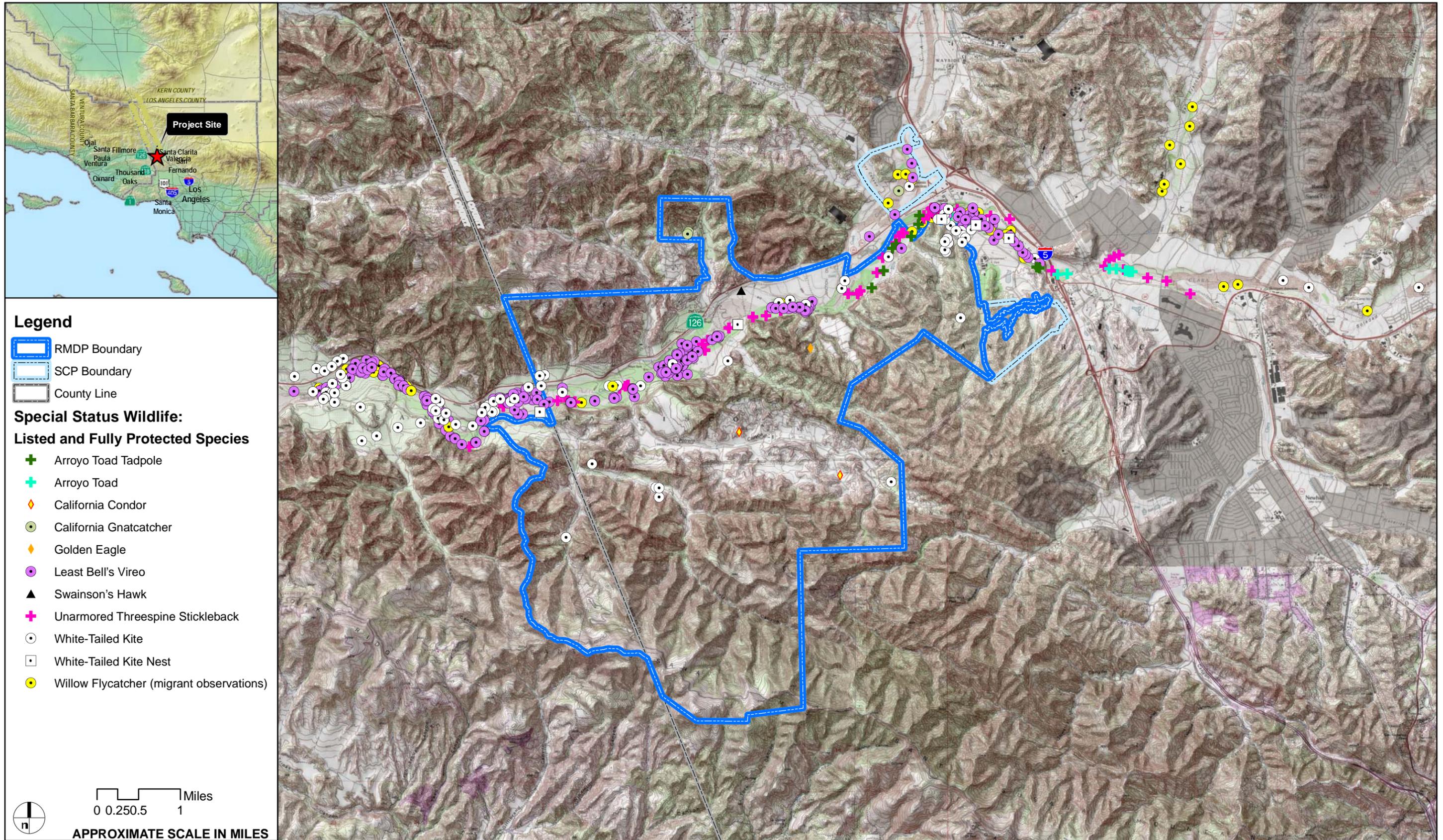


FIGURE 4.5-5

Newhall Ranch - RMDP/SCP EIS/EIR

**RMDP/SCP - Listed and California Fully Protected Wildlife Species Occurrences**

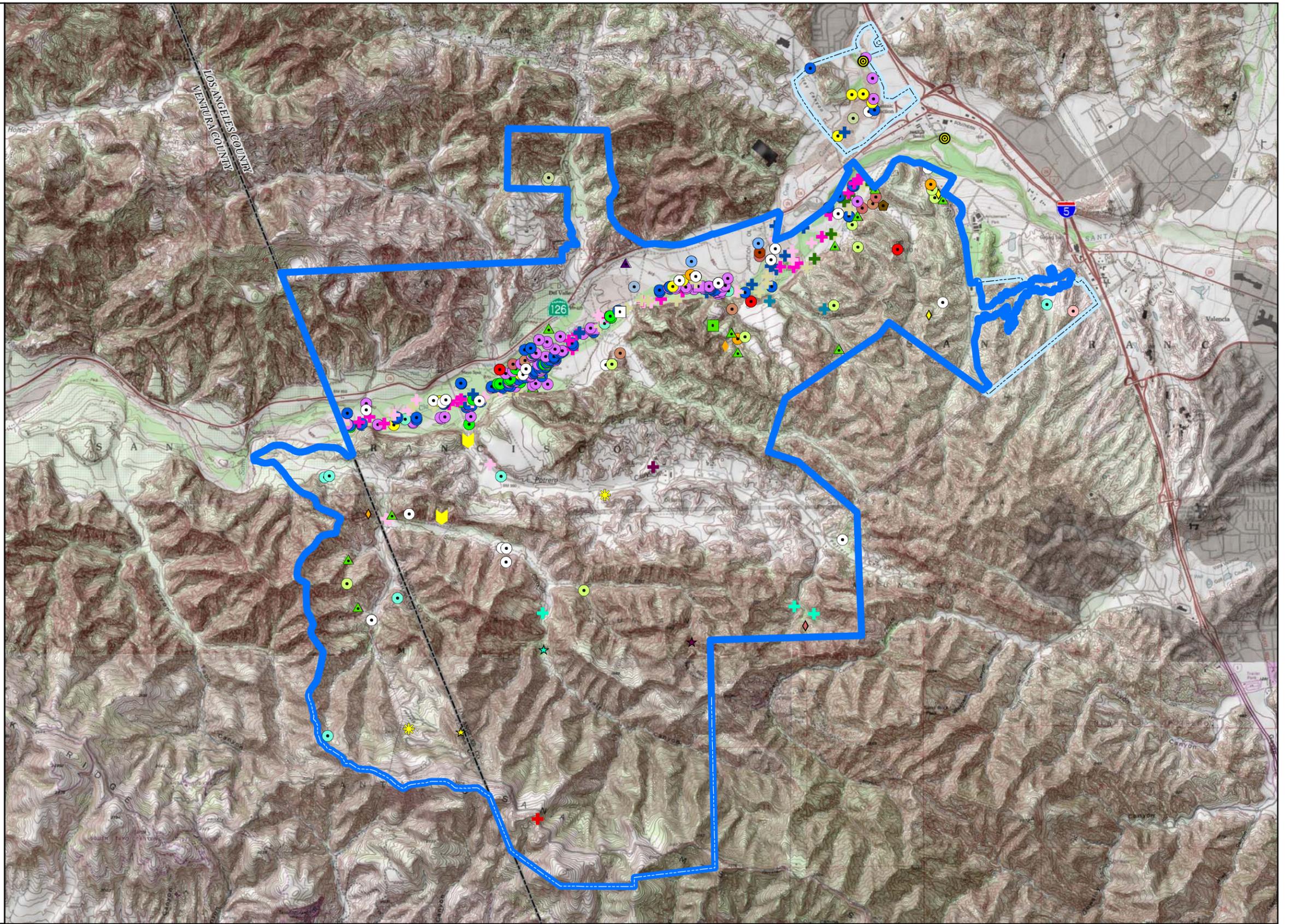
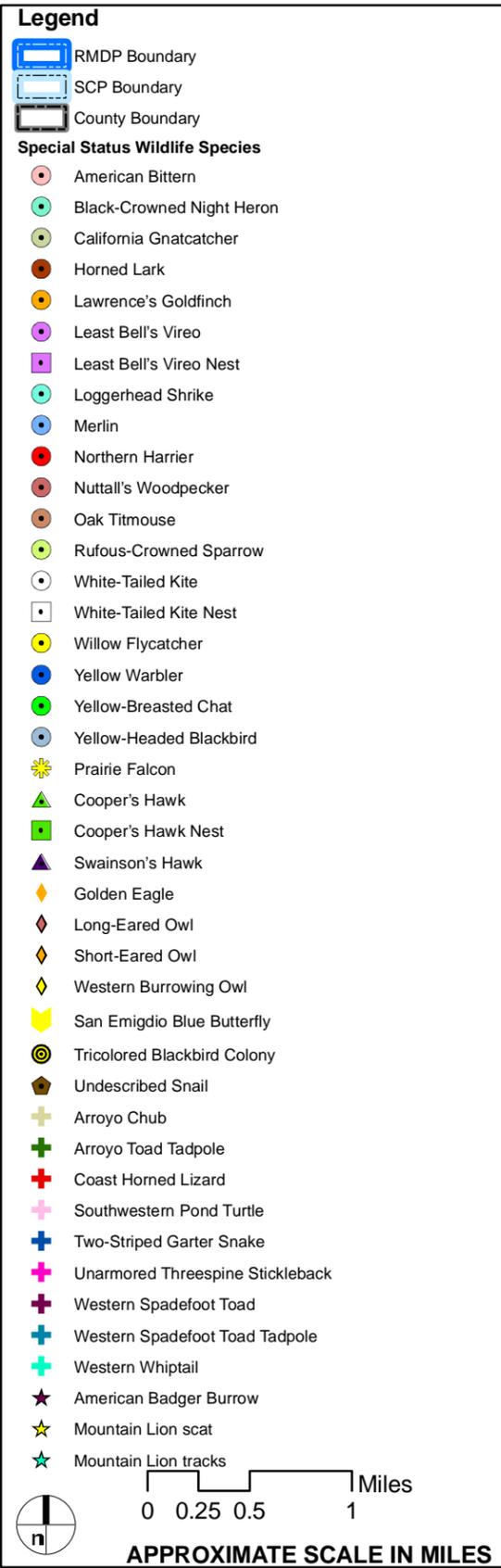
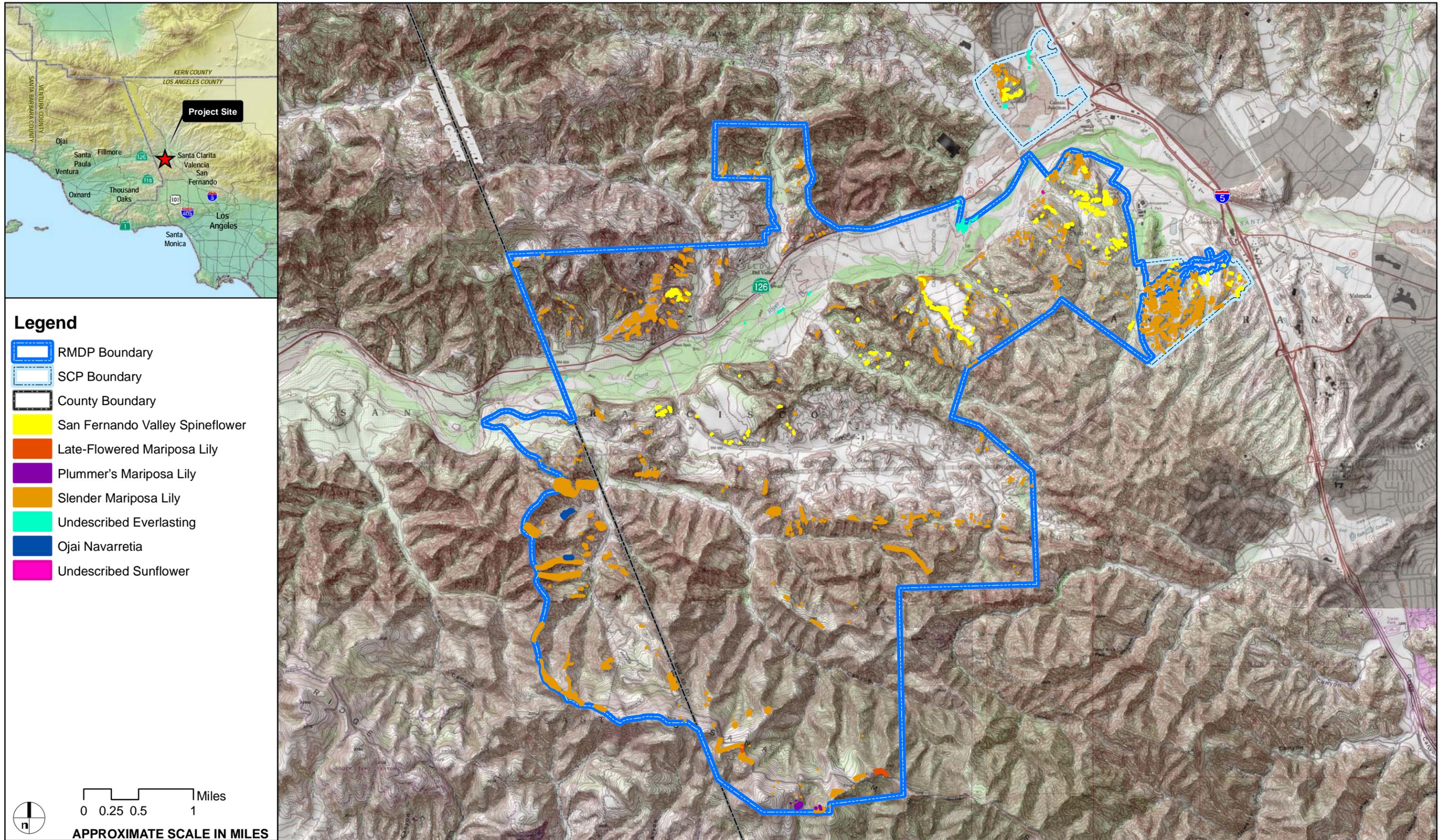


IMAGE SOURCE: USGS 24K Quad

FIGURE 4.5-6

Newhall Ranch - RMDP/SCP EIS/EIR



**Legend**

- RMDP Boundary
- SCP Boundary
- County Boundary
- San Fernando Valley Spineflower
- Late-Flowered Mariposa Lily
- Plummer's Mariposa Lily
- Slender Mariposa Lily
- Undescribed Everlasting
- Ojai Navarretia
- Undescribed Sunflower

0 0.25 0.5 1 Miles  
 APPROXIMATE SCALE IN MILES

IMAGE SOURCE: USGS 24K Quad

FIGURE 4.5-7

Newhall Ranch - RMDP/SCP EIS/EIR

**RMDP/SCP - Special-Status Plant Species Occurrences**



Z:\Projects\373801\Newhall Ranch\map\EIS-EIR

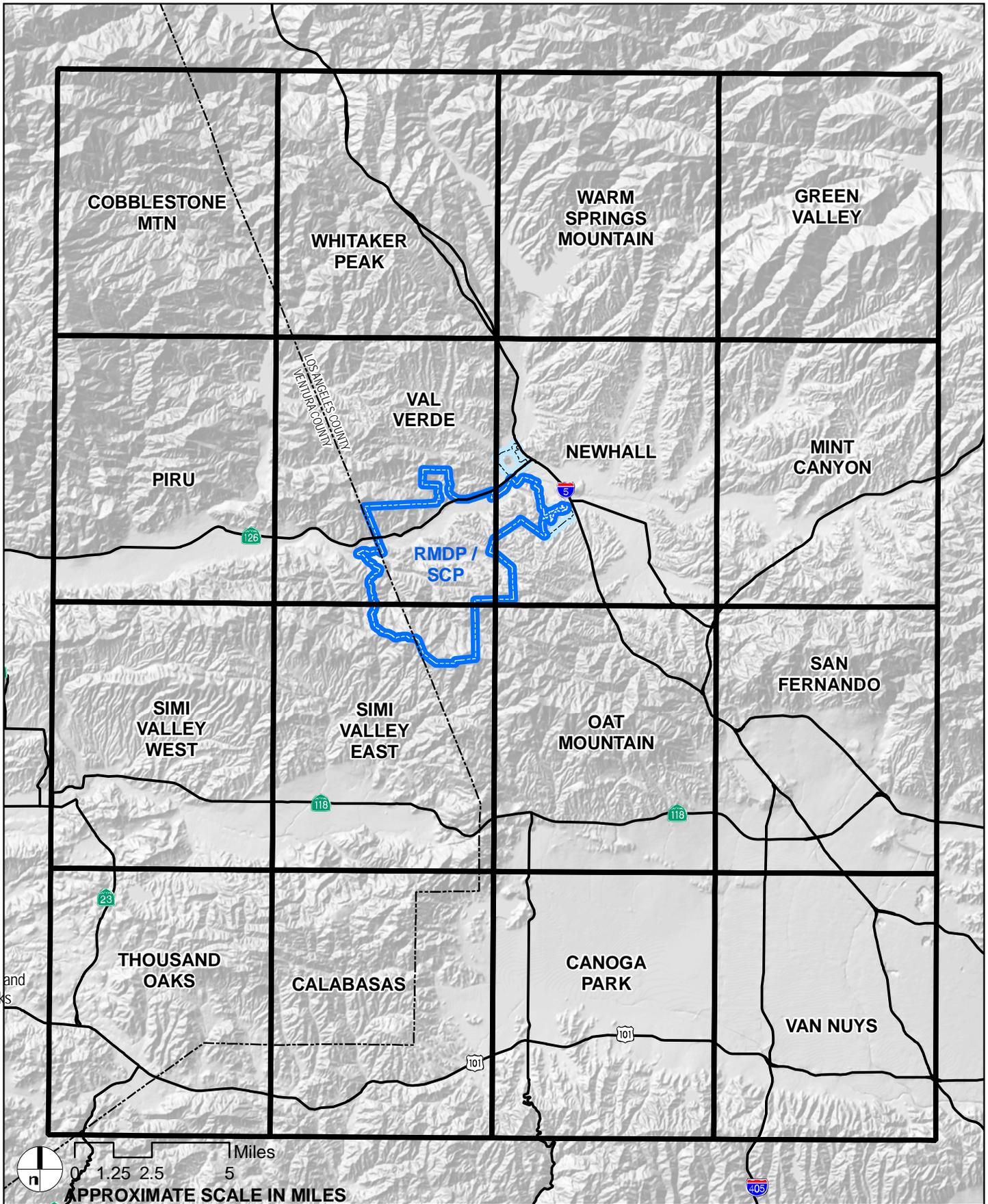


IMAGE SOURCE: USGS 24K Quad

FIGURE 4.5-8

**DUDEK**

Newhall Ranch - RMDP/SCP EIS/EIR

**USGS Quadrangles Used in CNDDDB and CNPS Data Search**

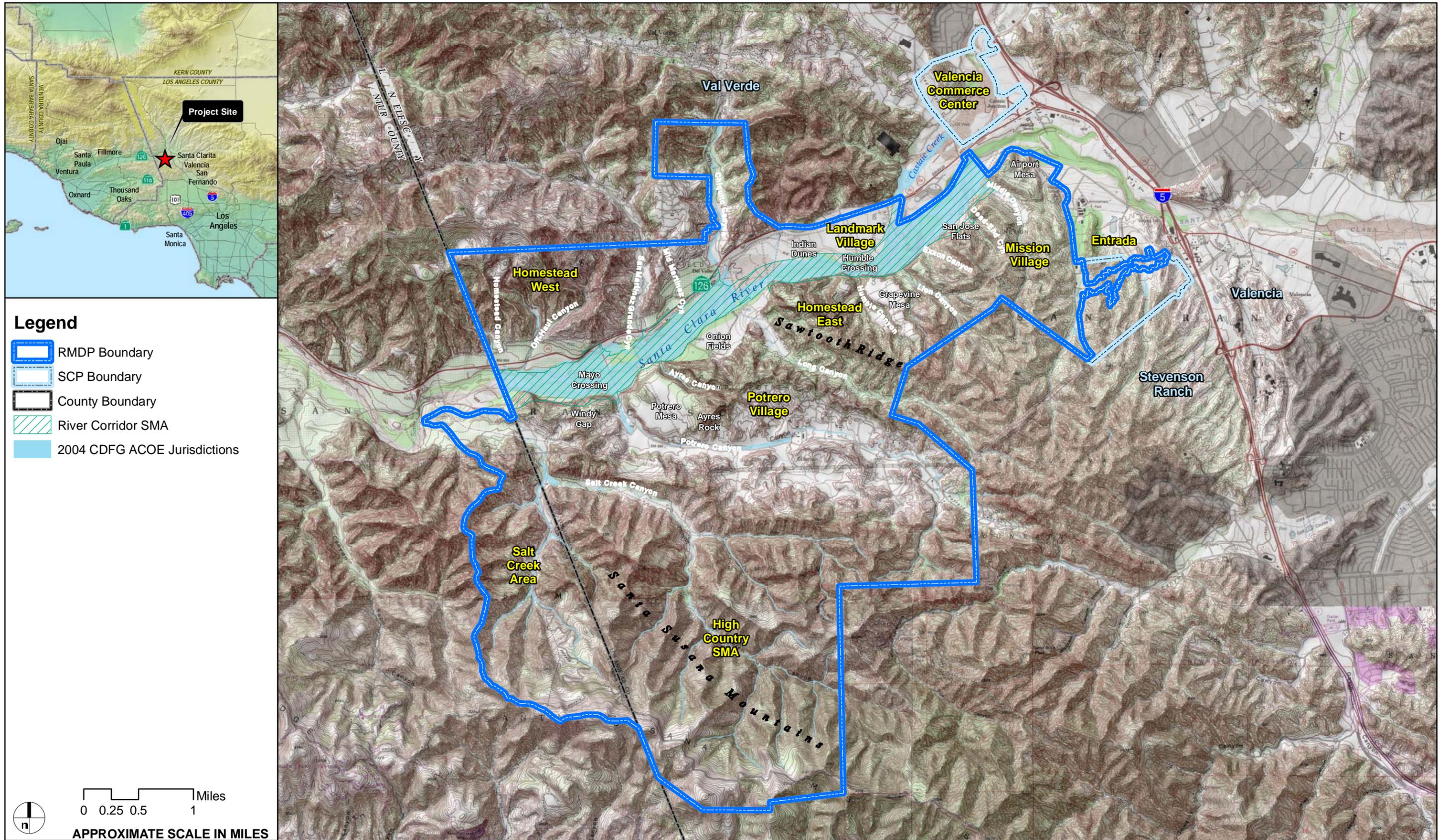
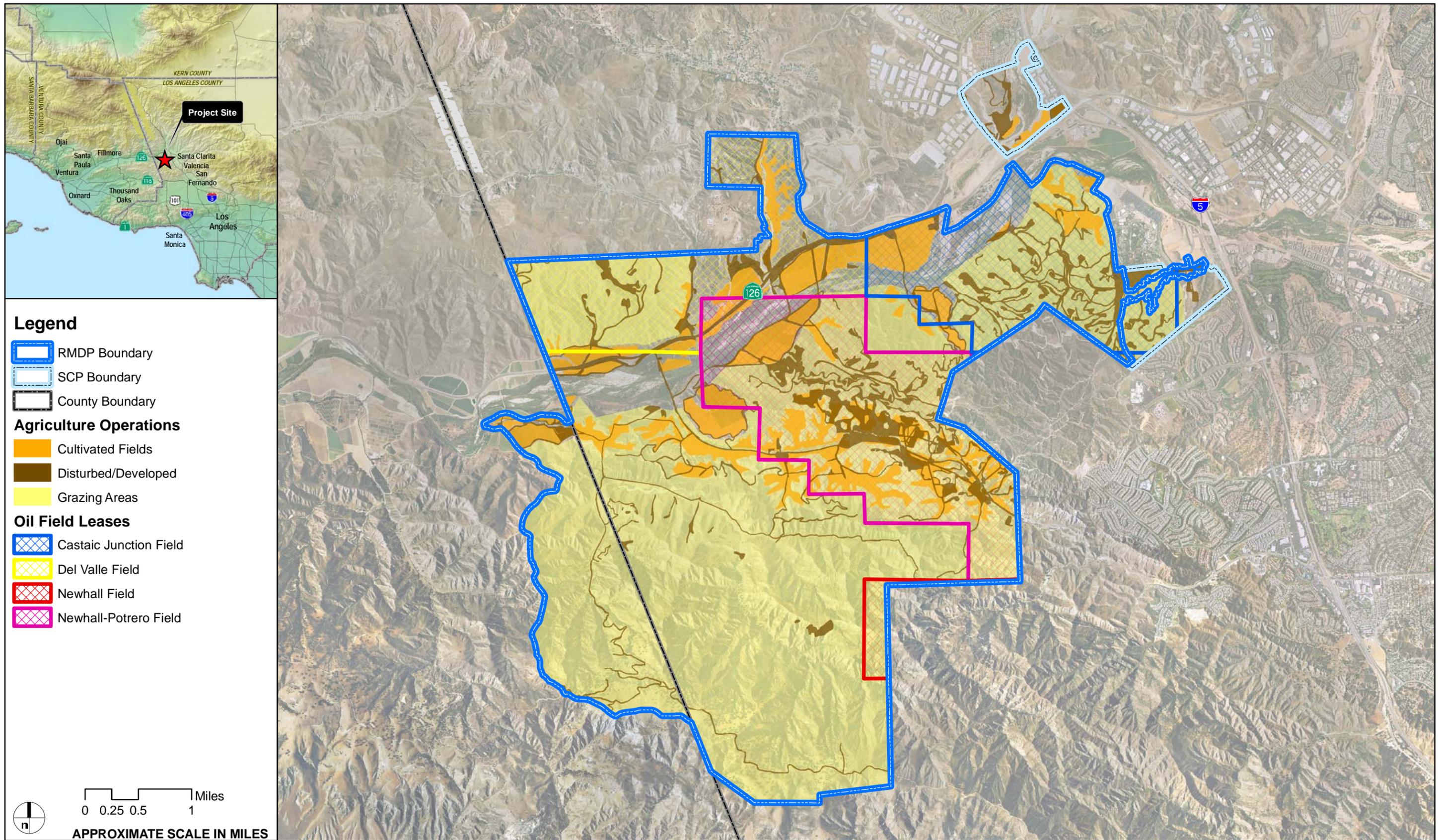


FIGURE 4.5-9

Newhall Ranch - RMDP/SCP EIS/EIR

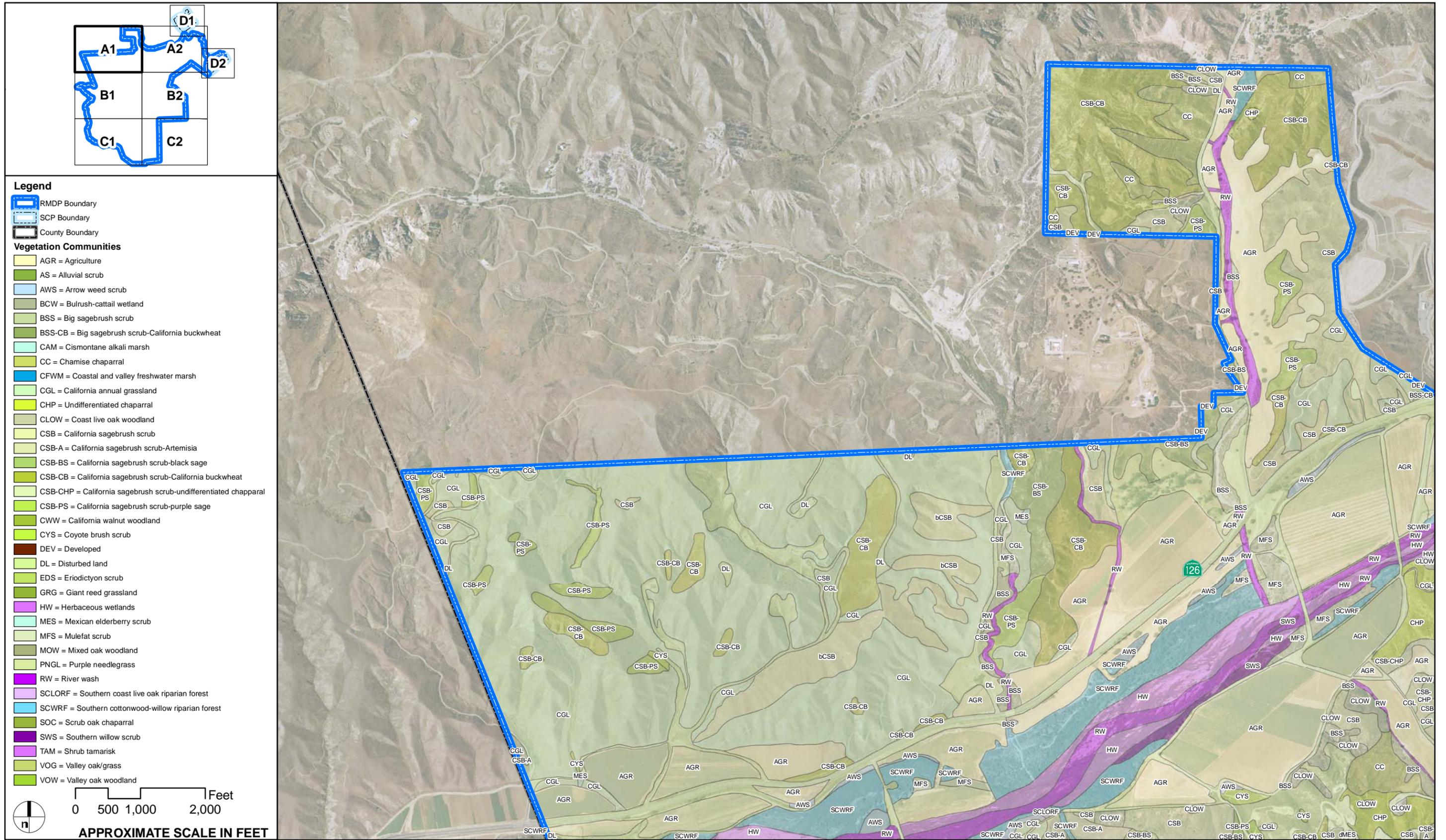
**RMDP/SCP - Landscape Features**



AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-10

Newhall Ranch - RMDP/SCP EIS/EIR



**Legend**

- RMDP Boundary
- SCP Boundary
- County Boundary

**Vegetation Communities**

- AGR = Agriculture
- AS = Alluvial scrub
- AWS = Arrow weed scrub
- BCW = Bulrush-cattail wetland
- BSS = Big sagebrush scrub
- BSS-CB = Big sagebrush scrub-California buckwheat
- CAM = Cismontane alkali marsh
- CC = Chamise chaparral
- CFWM = Coastal and valley freshwater marsh
- CGL = California annual grassland
- CHP = Undifferentiated chaparral
- CLOW = Coast live oak woodland
- CSB = California sagebrush scrub
- CSB-A = California sagebrush scrub-Artemisia
- CSB-BS = California sagebrush scrub-black sage
- CSB-CB = California sagebrush scrub-California buckwheat
- CSB-CHP = California sagebrush scrub-undifferentiated chapparal
- CSB-PS = California sagebrush scrub-purple sage
- CWW = California walnut woodland
- CYS = Coyote brush scrub
- DEV = Developed
- DL = Disturbed land
- EDS = Eriodictyon scrub
- GRG = Giant reed grassland
- HW = Herbaceous wetlands
- MES = Mexican elderberry scrub
- MFS = Mulefat scrub
- MOW = Mixed oak woodland
- PNGL = Purple needlegrass
- RW = River wash
- SCLORF = Southern coast live oak riparian forest
- SCWRF = Southern cottonwood-willow riparian forest
- SOC = Scrub oak chaparral
- SWS = Southern willow scrub
- TAM = Shrub tamarisk
- VOG = Valley oak/grass
- VOW = Valley oak woodland

0 500 1,000 2,000 Feet

**APPROXIMATE SCALE IN FEET**

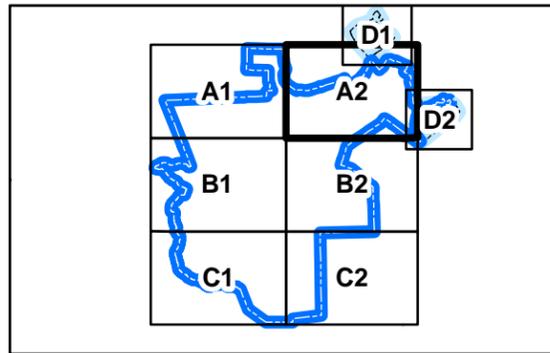
AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-11-A1

Newhall Ranch - RMDP/SCP EIS/EIR

**RMDP/SCP - Vegetation Communities and Land Covers**





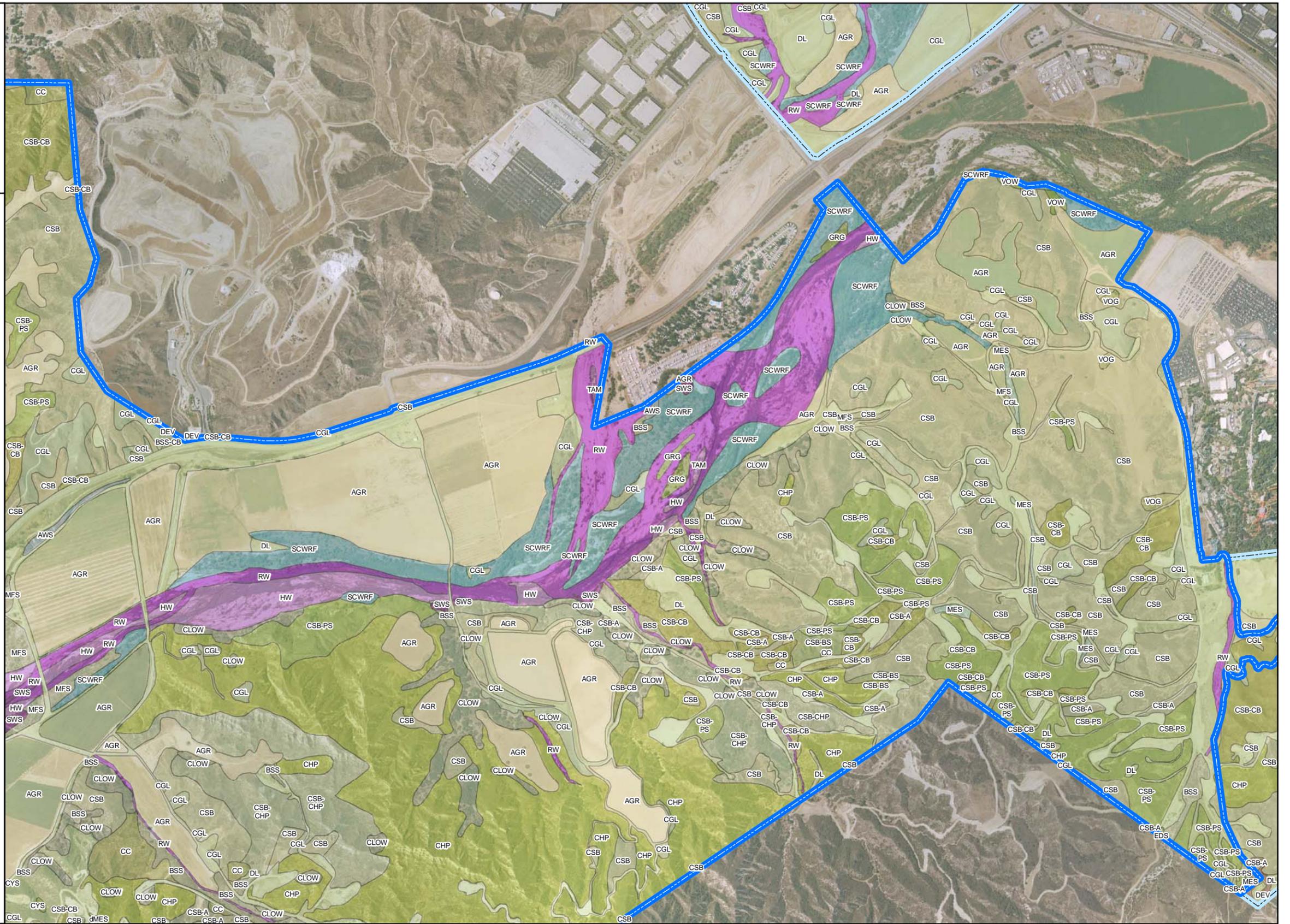
**Legend**

RMDP Boundary  
 SCP Boundary

**RMDP SCP Vegetation**  
**Vegetation Communities**

- AGR = Agriculture
- AS = Alluvial scrub
- AWS = Arrow weed scrub
- BCW = Bulrush-cattail wetland
- BSS = Big sagebrush scrub
- BSS-CB = Big sagebrush scrub-California buckwheat
- CAM = Cismontane alkali marsh
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- CLOW = Coast live oak woodland
- CSB = California sagebrush scrub
- CSB-A = California sagebrush scrub-Artemisia
- CSB-BS = California sagebrush scrub-black sage
- CSB-CB = California sagebrush scrub-California buckwheat
- CSB-CHP = California sagebrush scrub-undifferentiated chapparal
- CSB-PS = California sagebrush scrub-purple sage
- CWW = California walnut woodland
- CYS = Coyote brush scrub
- DEV = Developed
- DL = Disturbed land
- EDS = Eriodictyon scrub
- GRG = Giant reed grassland
- HW = Herbaceous wetlands
- MES = Mexican elderberry scrub
- MFS = Mulefat scrub
- MOW = Mixed oak woodland
- PNGL = Purple needlegrass
- RW = River wash
- SCLORF = Southern coast live oak riparian forest
- SCWRF = Southern cottonwood-willow riparian forest
- SOC = Scrub oak chaparral
- SWS = Southern willow scrub
- TAM = Shrub tamarisk
- VOG = Valley oak/grass
- VOW = Valley oak woodland

0 500 1,000 2,000 Feet  
 APPROXIMATE SCALE IN FEET



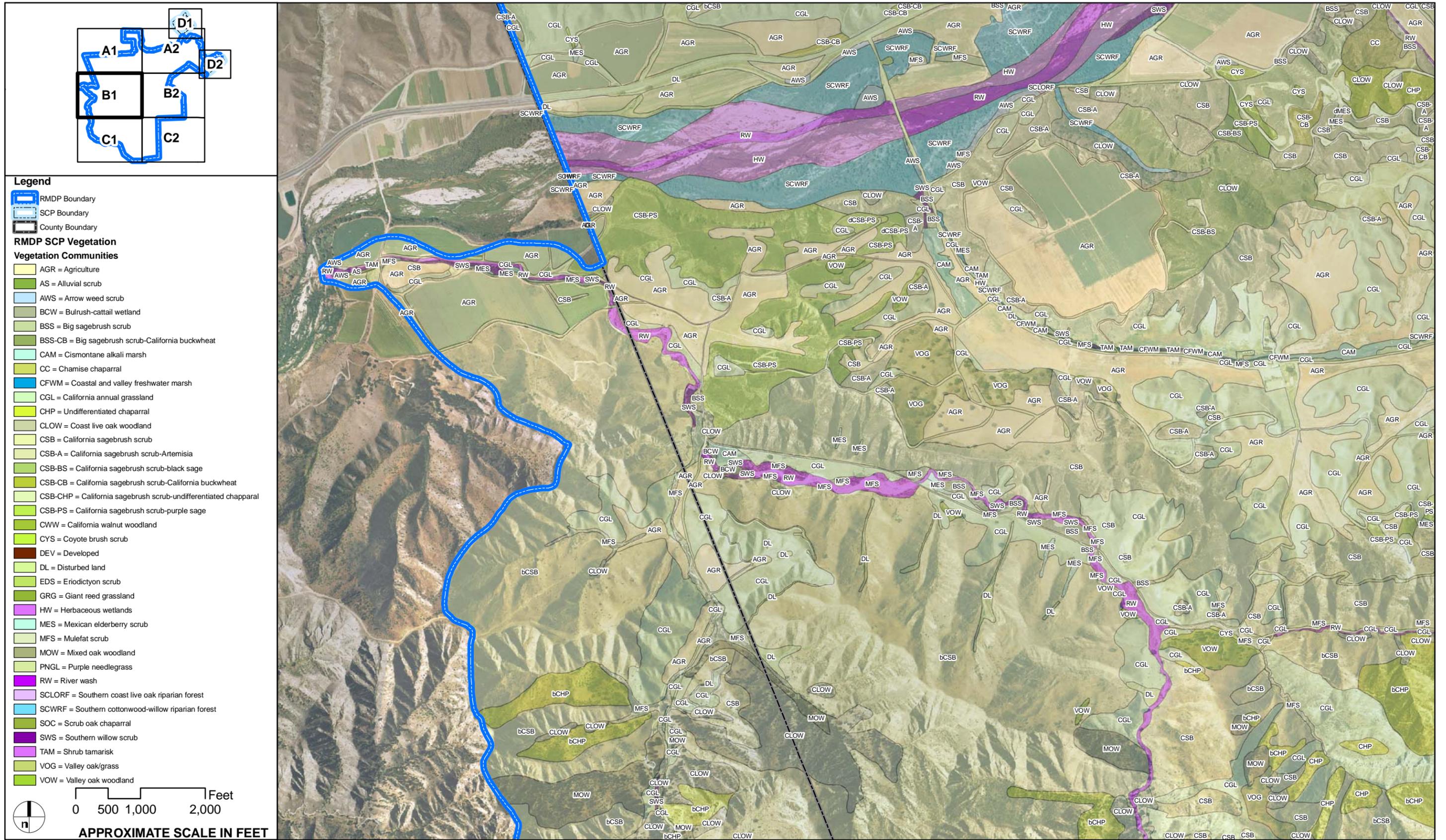
AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-11-A2

Newhall Ranch - RMDP/SCP EIS/EIR

**RMDP/SCP - Vegetation Communities and Land Covers**



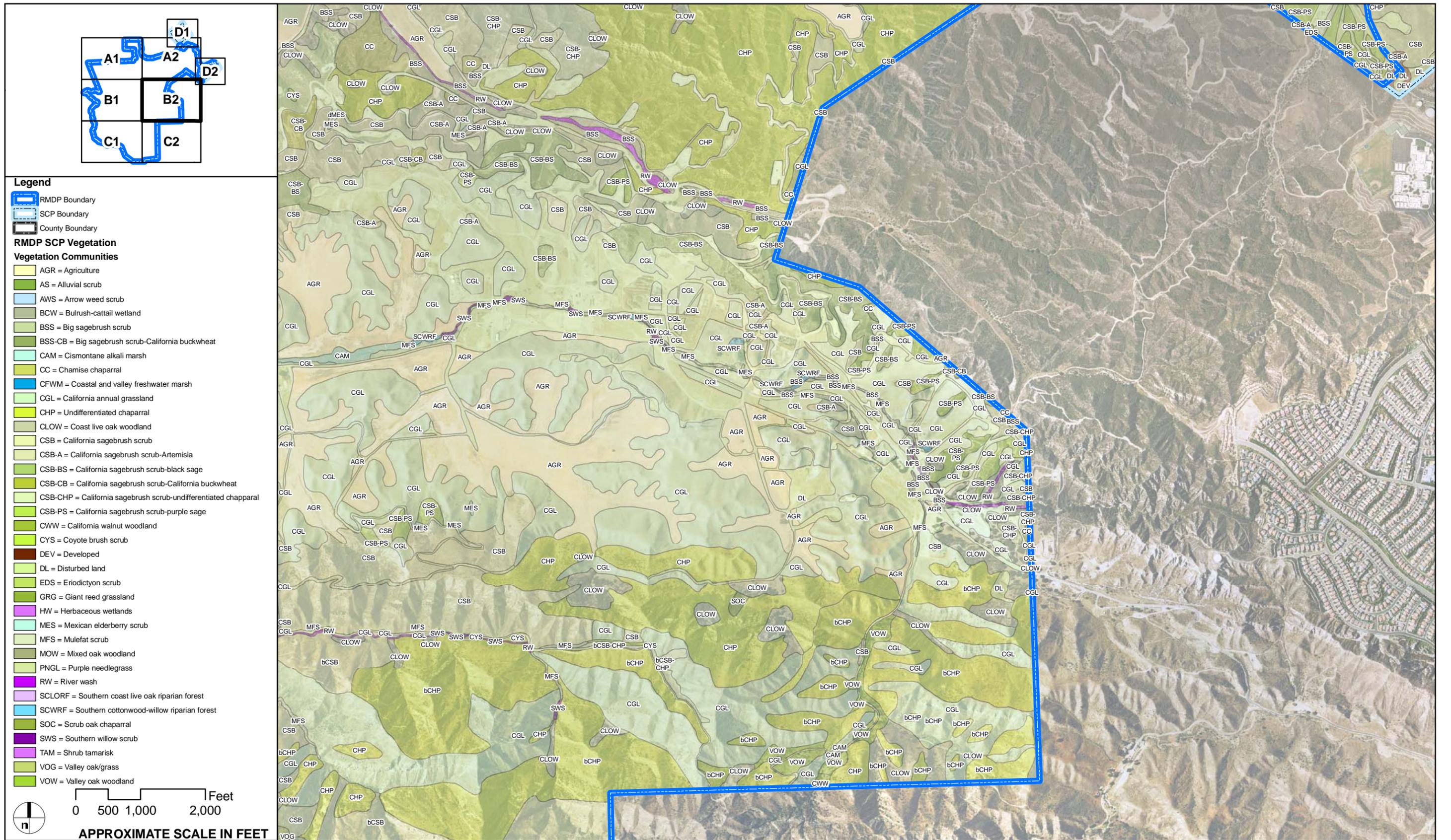


AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-11-B1

Newhall Ranch - RMDP/SCP EIS/EIR

**RMDP/SCP - Vegetation Communities and Land Covers**



AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-11-B2

Newhall Ranch - RMDP/SCP EIS/EIR



AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-11-C1

Newhall Ranch - RMDP/SCP EIS/EIR

**RMDP/SCP - Vegetation Communities and Land Covers**

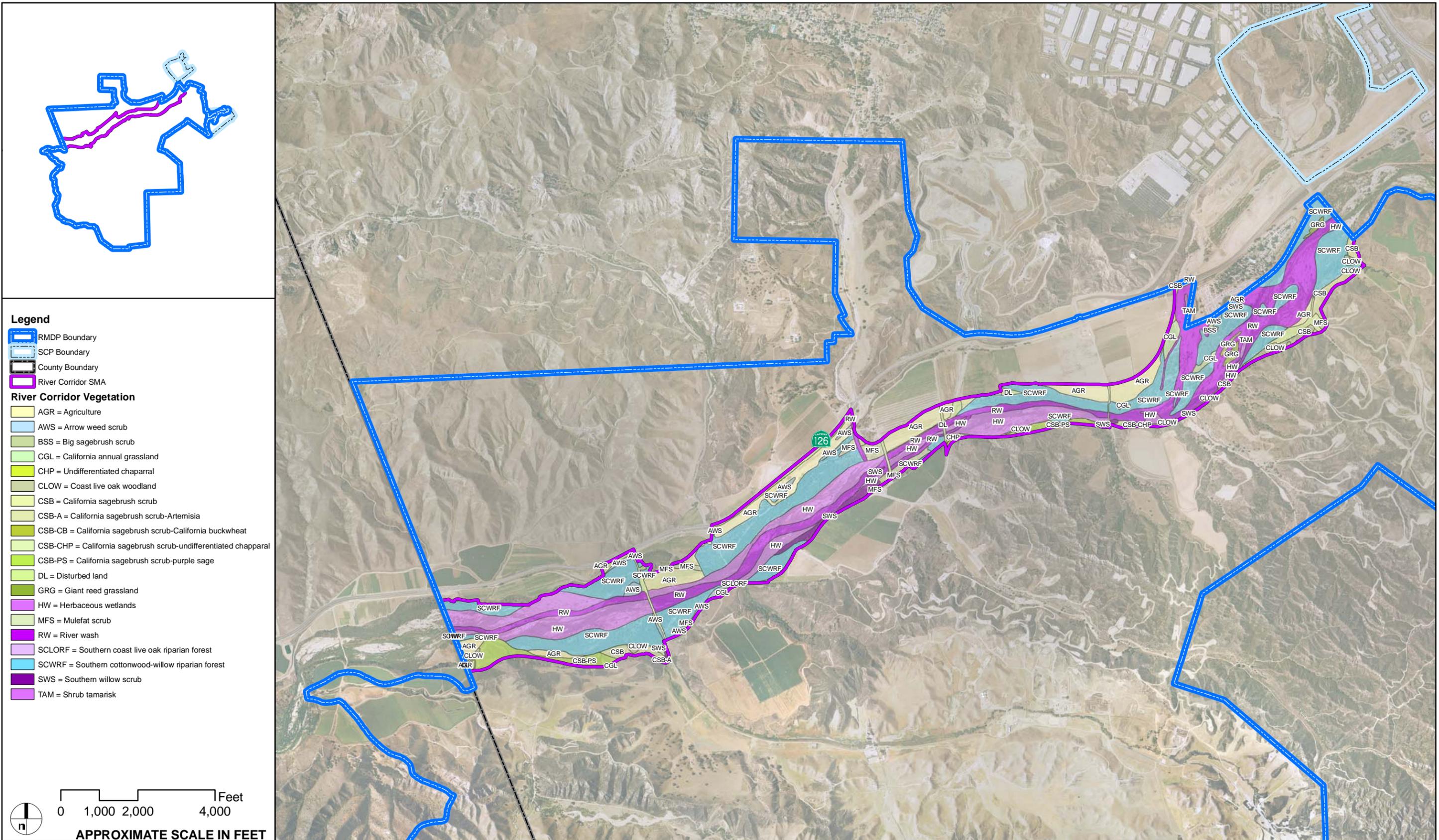




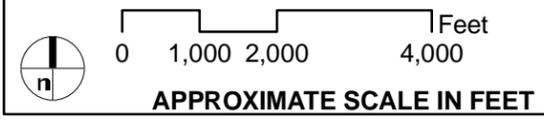
AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-11-C2

Newhall Ranch - RMDP/SCP EIS/EIR



- Legend**
- RMDP Boundary
  - SCP Boundary
  - County Boundary
  - River Corridor SMA
- River Corridor Vegetation**
- AGR = Agriculture
  - AWS = Arrow weed scrub
  - BSS = Big sagebrush scrub
  - CGL = California annual grassland
  - CHP = Undifferentiated chaparral
  - CLOW = Coast live oak woodland
  - CSB = California sagebrush scrub
  - CSB-A = California sagebrush scrub-Artemisia
  - CSB-CB = California sagebrush scrub-California buckwheat
  - CSB-CHP = California sagebrush scrub-undifferentiated chaparral
  - CSB-PS = California sagebrush scrub-purple sage
  - DL = Disturbed land
  - GRG = Giant reed grassland
  - HW = Herbaceous wetlands
  - MFS = Mulefat scrub
  - RW = River wash
  - SCLORF = Southern coast live oak riparian forest
  - SCWRF = Southern cottonwood-willow riparian forest
  - SWS = Southern willow scrub
  - TAM = Shrub tamarisk



AERIAL SOURCE: DigitalGlobe, 2007

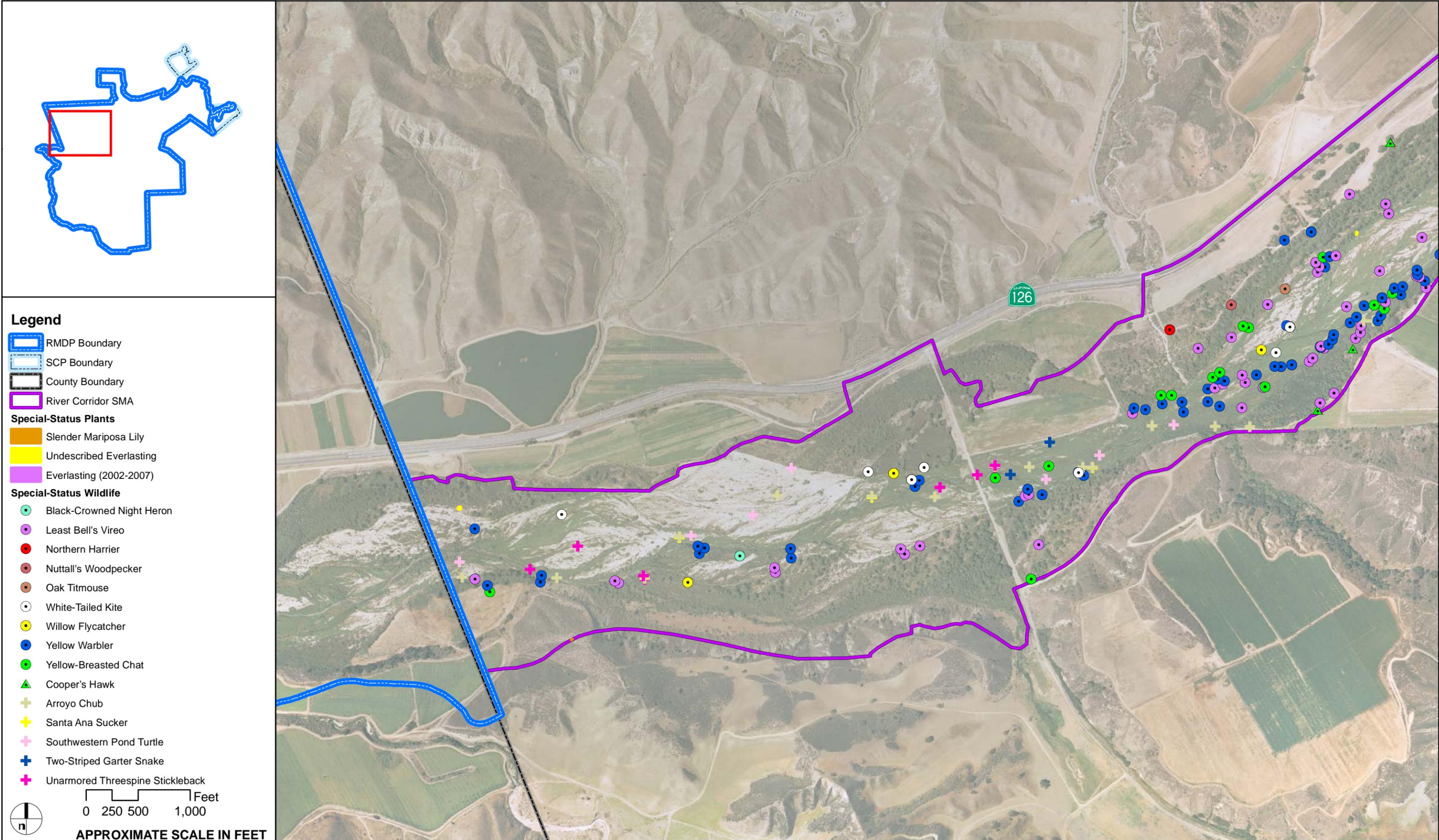
FIGURE 4.5-12

Newhall Ranch - RMDP/SCP EIS/EIR

**River Corridor SMA - Generalized Vegetation Communities and Land Covers**



Z:\Projects\373801\Newhall Ranch\arcmapi\EIS-EIR



AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-13

Newhall Ranch - RMDP/SCP EIS/EIR

**River Corridor SMA - Special-Status Species Occurrences**



Z:\Projects\373801\Newhall Ranch\armap\EIS-EIR

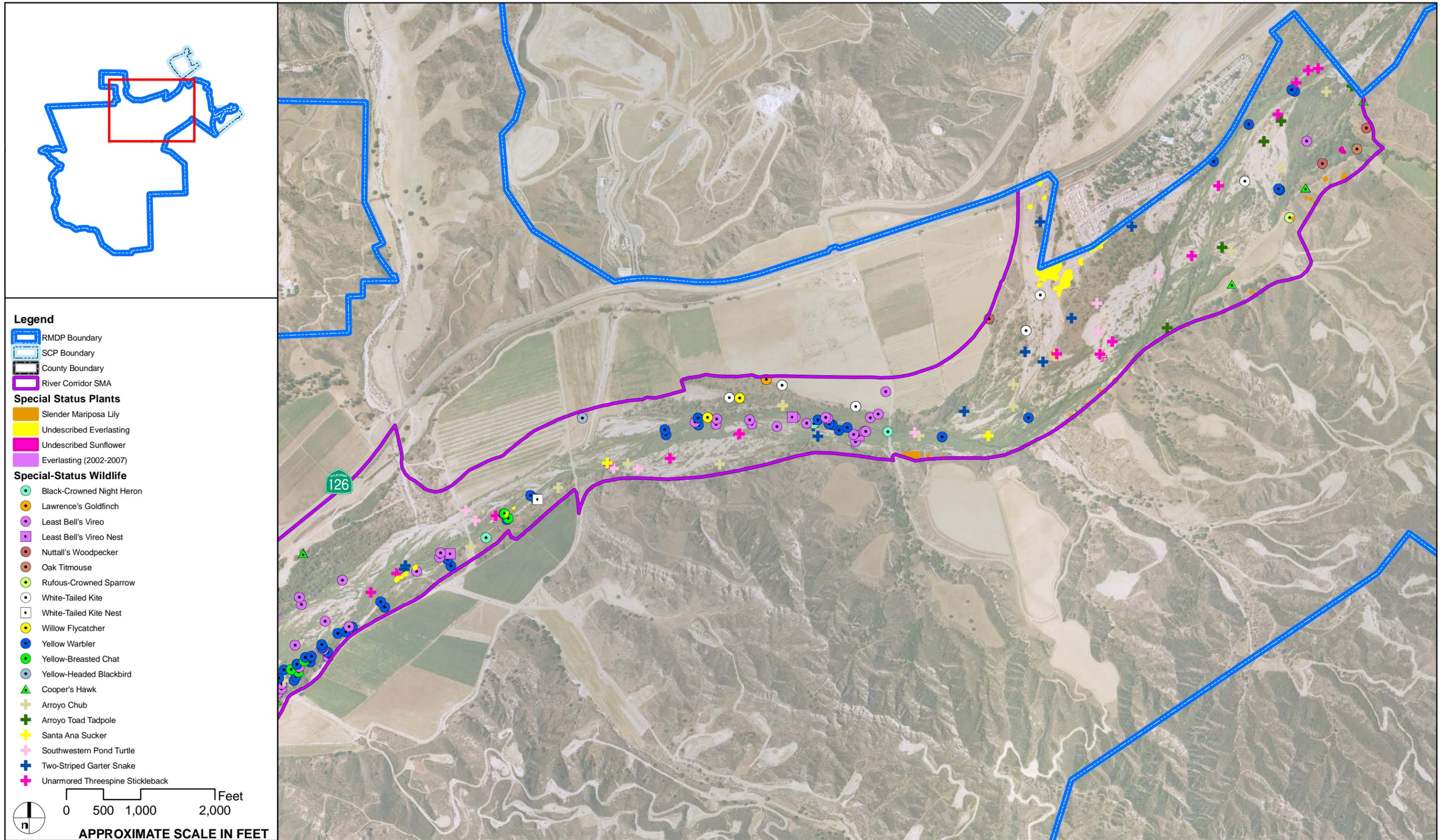
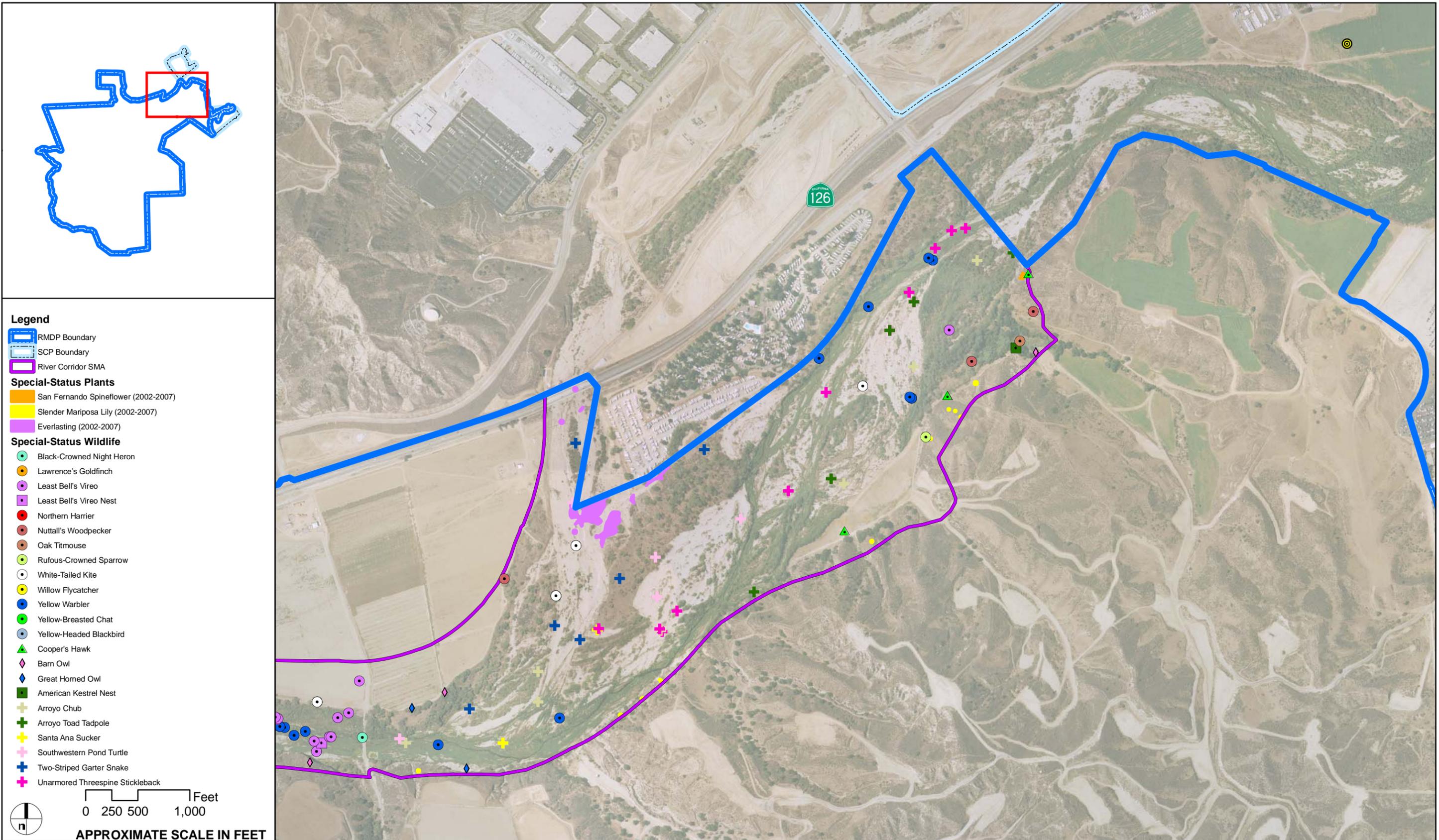


FIGURE 4.5-14

Newhall Ranch - RMDP/SCP EIS/EIR

**River Corridor SMA - Special-Status Species Occurrences**

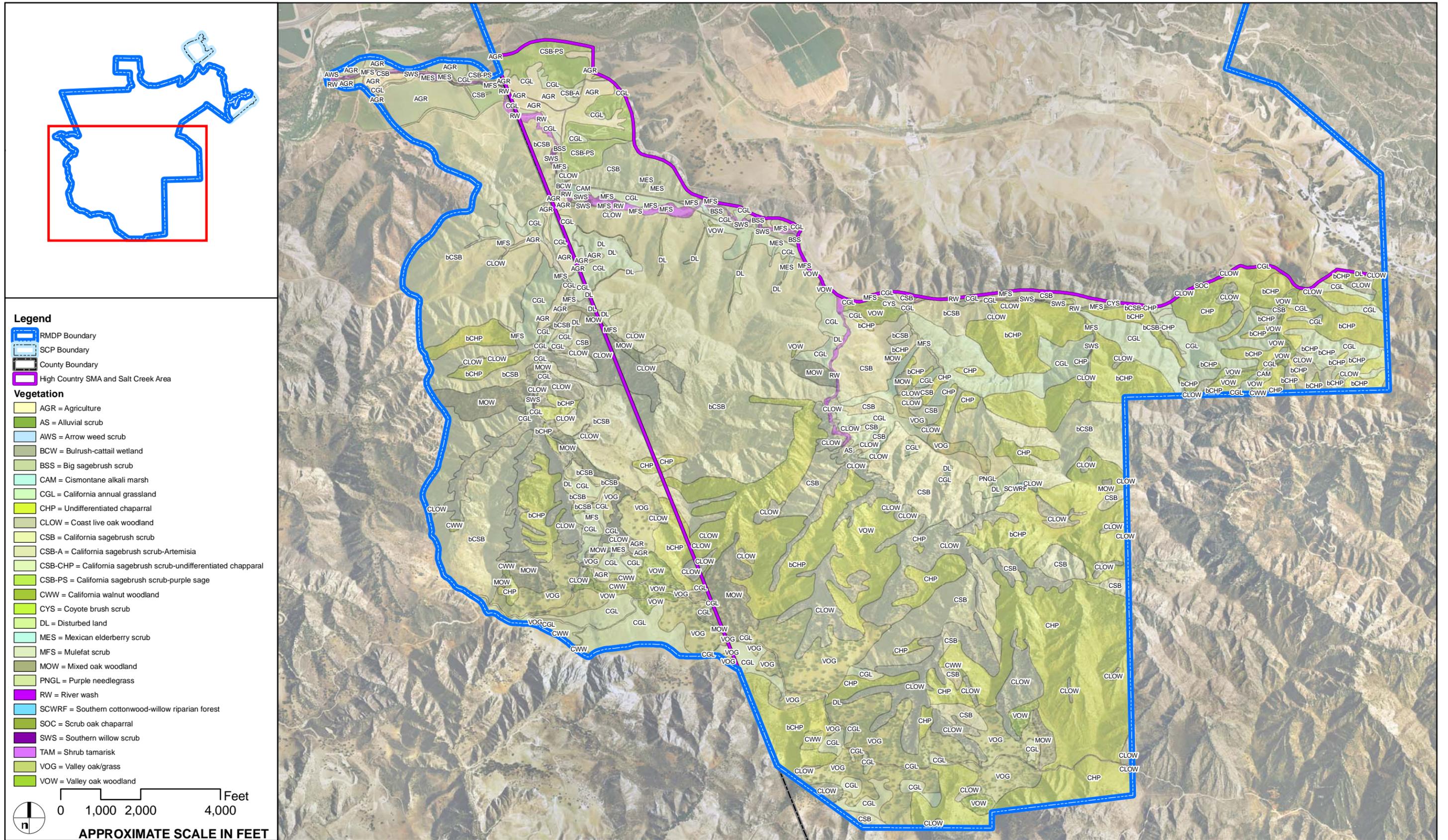


AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-15

Newhall Ranch - RMDP/SCP EIS/EIR

**River Corridor SMA - Special-Status Species Occurrences**

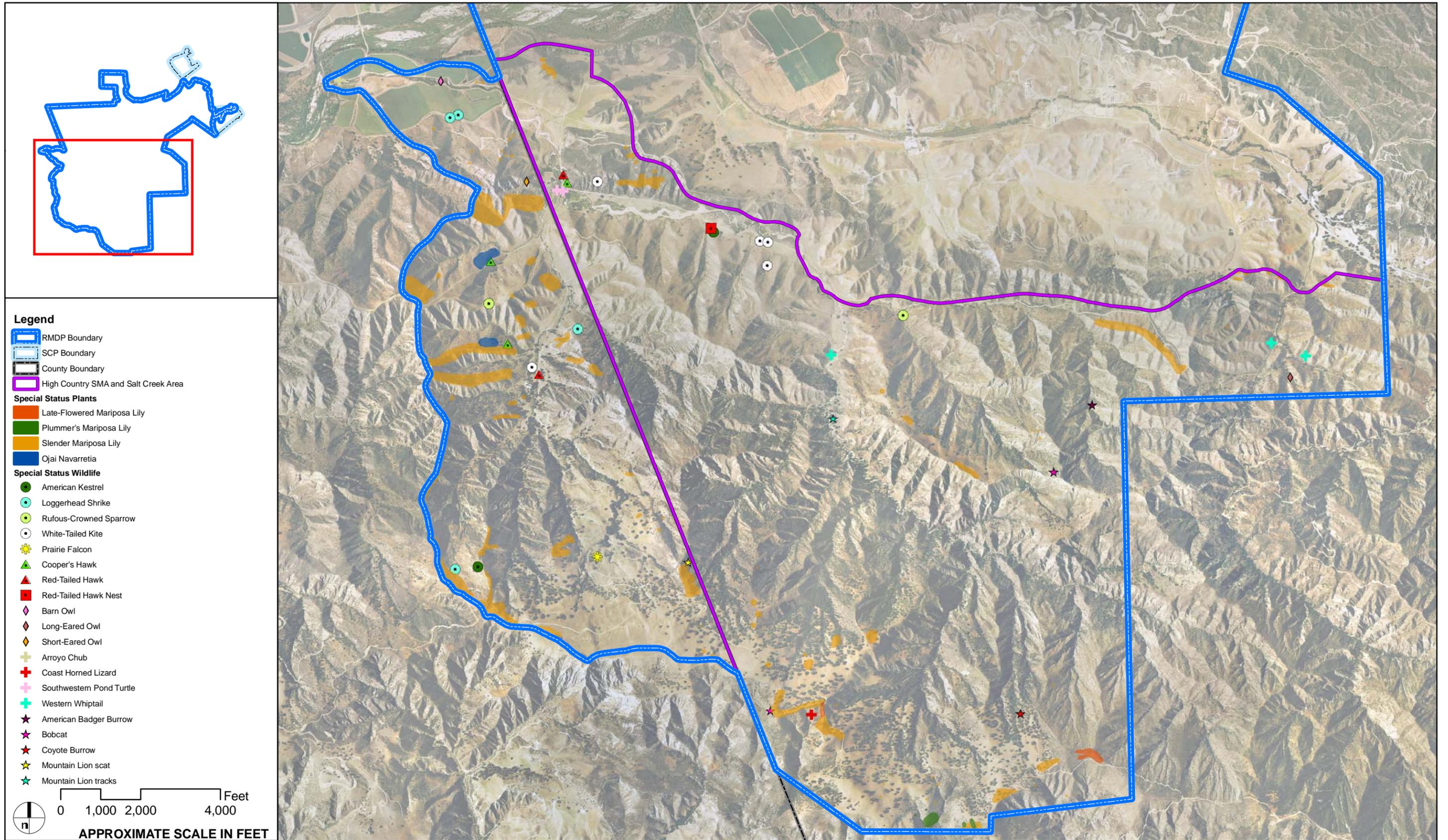


AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-16

Newhall Ranch - RMDP/SCP EIS/EIR

**High Country SMA and Salt Creek Area - Generalized Vegetation Communities and Land Covers**

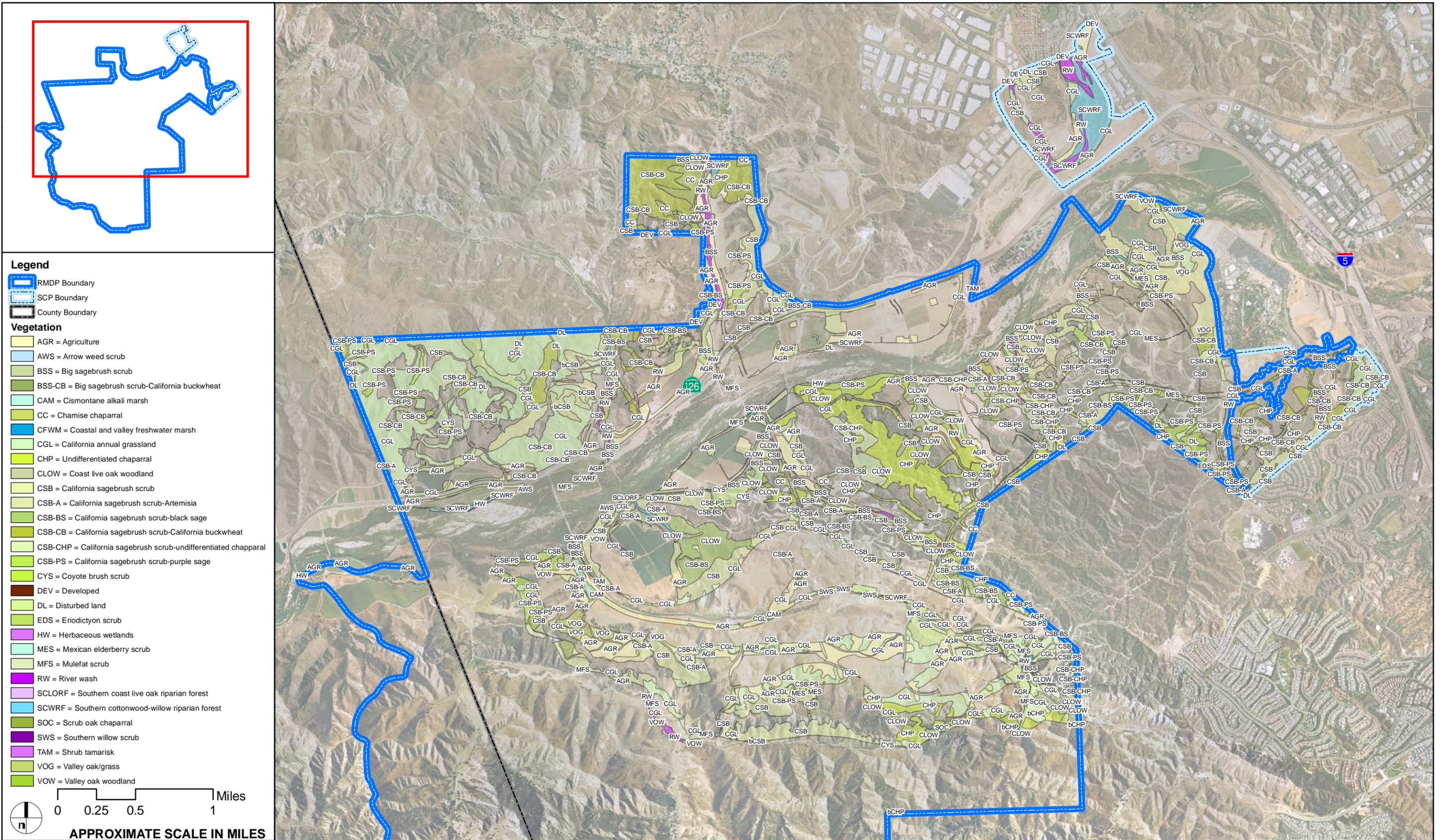


AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-17

Newhall Ranch - RMDP/SCP EIS/EIR

**High Country SMA and Salt Creek Area - Special-Status Species Occurrences**



**Legend**

- RMDP Boundary
- SCP Boundary
- County Boundary

**Vegetation**

- AGR = Agriculture
- AWS = Arrow weed scrub
- BSS = Big sagebrush scrub
- BSS-CB = Big sagebrush scrub-California buckwheat
- CAM = Cismontane alkali marsh
- CC = Chamise chaparral
- CFWM = Coastal and valley freshwater marsh
- CGL = California annual grassland
- CHP = Undifferentiated chaparral
- CLOW = Coast live oak woodland
- CSB = California sagebrush scrub
- CSB-A = California sagebrush scrub-Artemisia
- CSB-BS = California sagebrush scrub-black sage
- CSB-CB = California sagebrush scrub-California buckwheat
- CSB-CHP = California sagebrush scrub-undifferentiated chapparal
- CSB-PS = California sagebrush scrub-purple sage
- CYS = Coyote brush scrub
- DEV = Developed
- DL = Disturbed land
- EDS = Eriodictyon scrub
- HW = Herbaceous wetlands
- MES = Mexican elderberry scrub
- MFS = Mulefat scrub
- RW = River wash
- SCLORF = Southern coast live oak riparian forest
- SCWRF = Southern cottonwood-willow riparian forest
- SOC = Scrub oak chaparral
- SWS = Southern willow scrub
- TAM = Shrub tamarisk
- VOG = Valley oak/grass
- VOW = Valley oak woodland

0 0.25 0.5 1 Miles

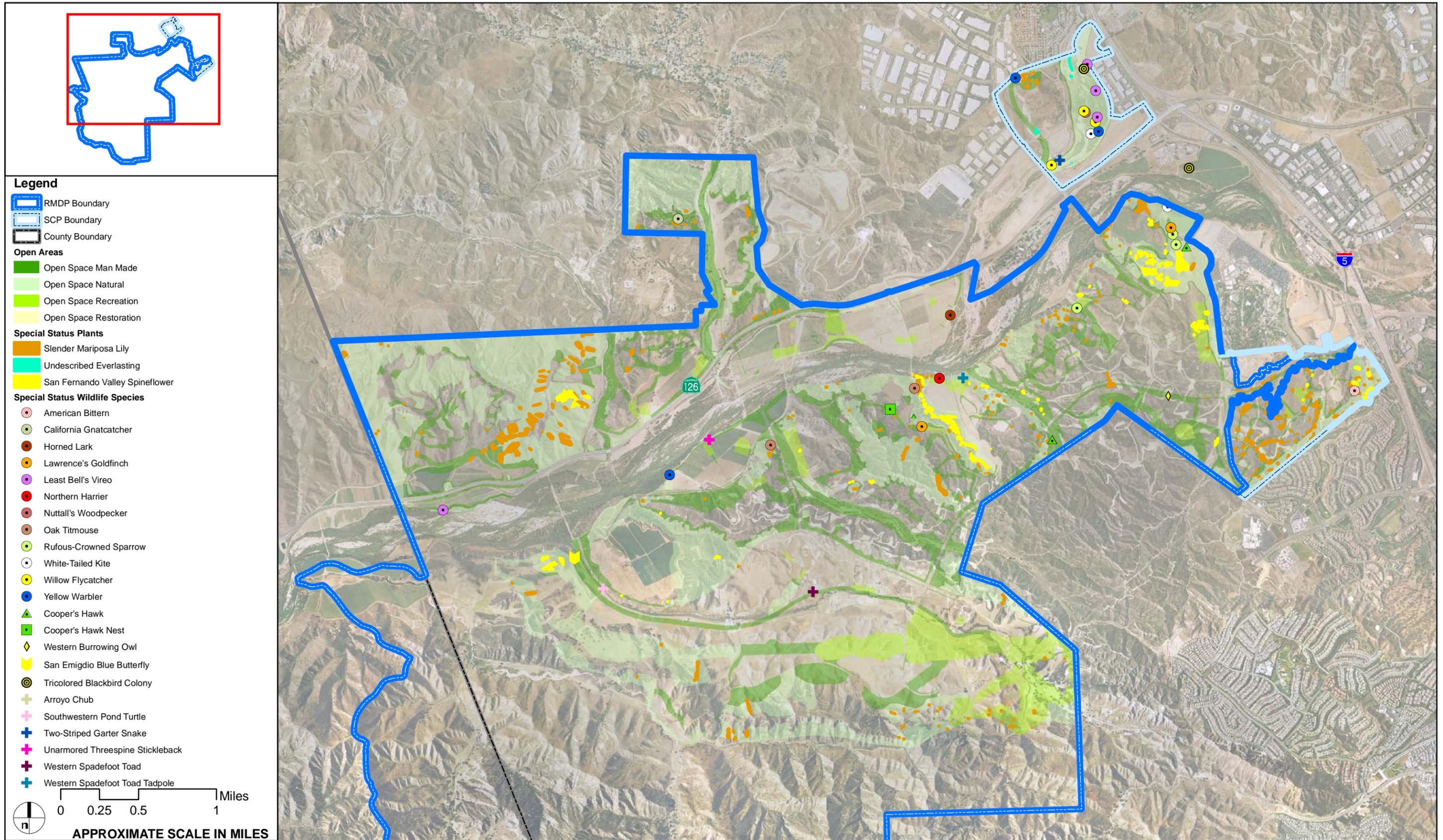
APPROXIMATE SCALE IN MILES

AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-18

Newhall Ranch - RMDP/SCP EIS/EIR

**Open Area - Generalized Vegetation Communities and Land Covers**

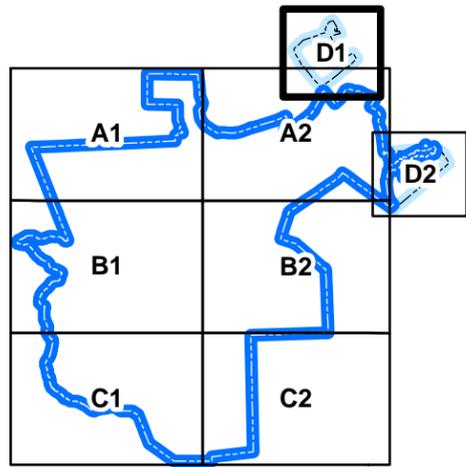


AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-19

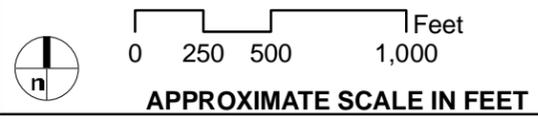
Newhall Ranch - RMDP/SCP EIS/EIR

**Open Area - Special-Status Species Occurrences**



**Legend**

- RMDP Boundary
- SCP Boundary
- County Boundary
- Vegetation Communities**
- AGR = Agriculture
- AS = Alluvial scrub
- BSS = Big sagebrush scrub
- CGL = California annual grassland
- CHP = Undifferentiated chaparral
- CSB = California sagebrush scrub
- CSB-A = California sagebrush scrub-Artemisia
- CSB-CB = California sagebrush scrub-California buckwheat
- DEV = Developed
- DL = Disturbed land
- HW = Herbaceous wetlands
- MFS = Mulefat scrub
- RW = River wash
- SCWRF = Southern cottonwood-willow riparian forest



AERIAL SOURCE: DigitalGlobe, 2007

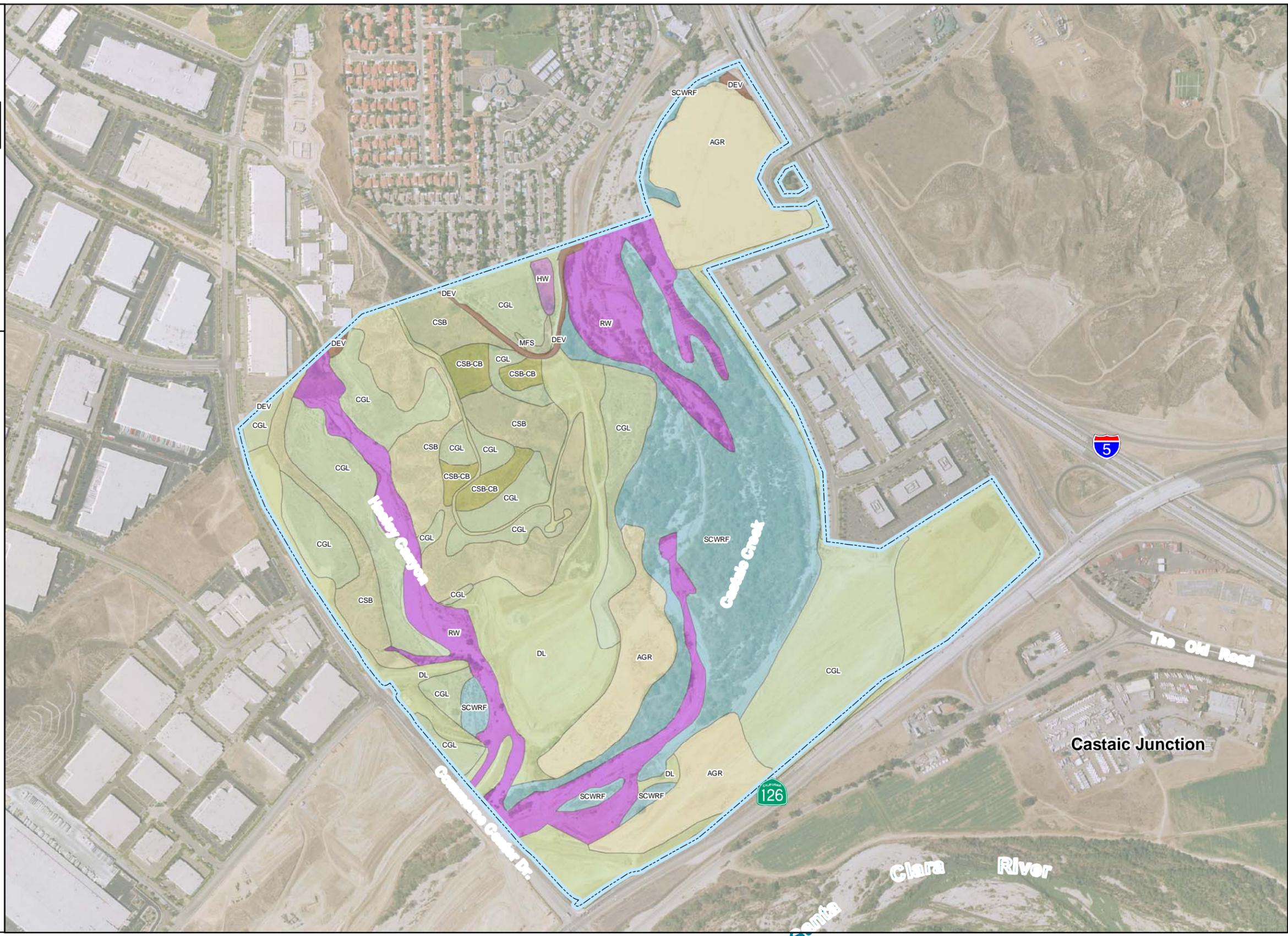


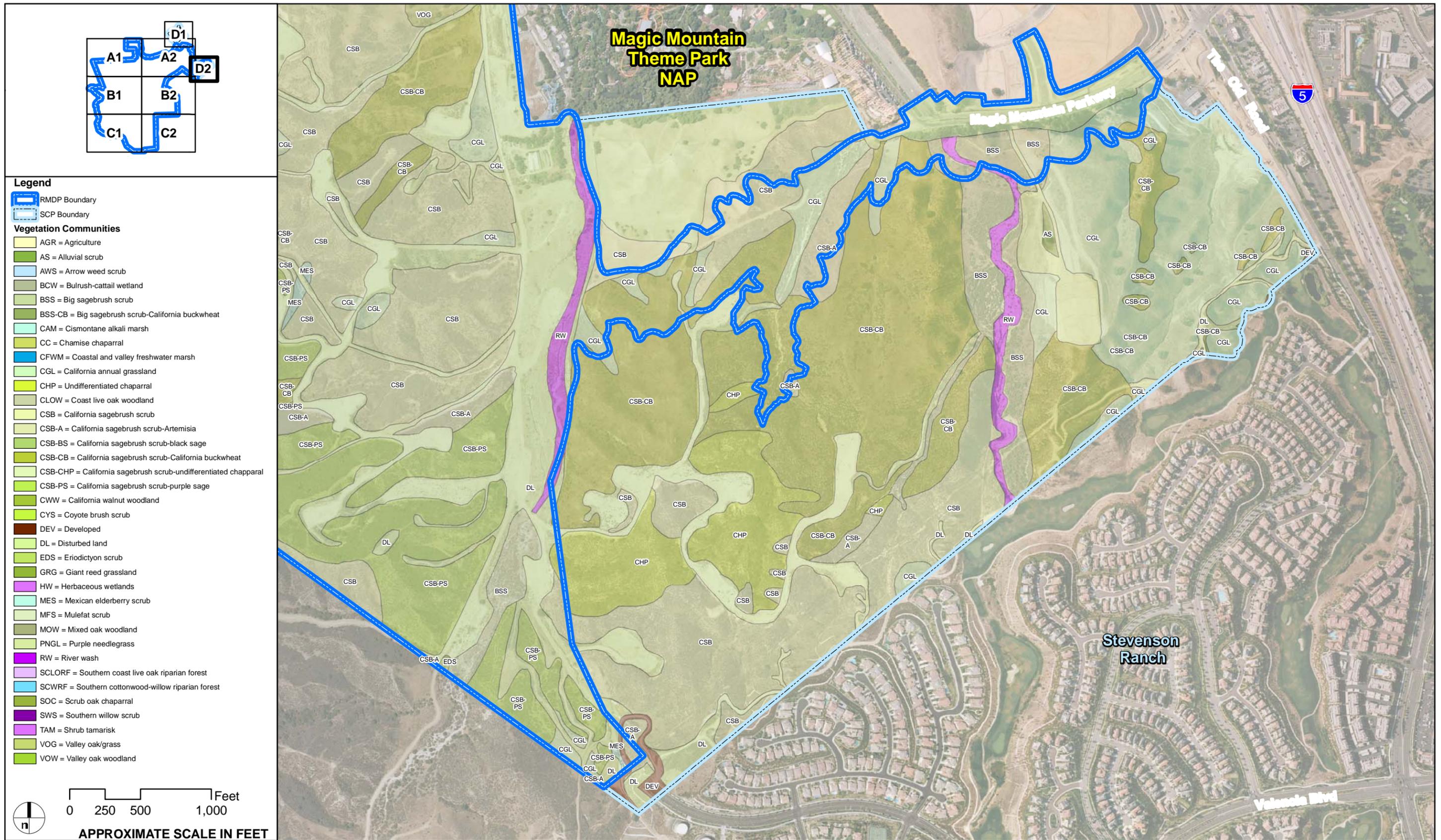
FIGURE 4.5-20

Newhall Ranch - RMDP/SCP EIS/EIR

**VCC SCP Site - Vegetation Communities and Land Covers**



Z:\Projects\373801\Newhall Ranch\map\EIS-EIR

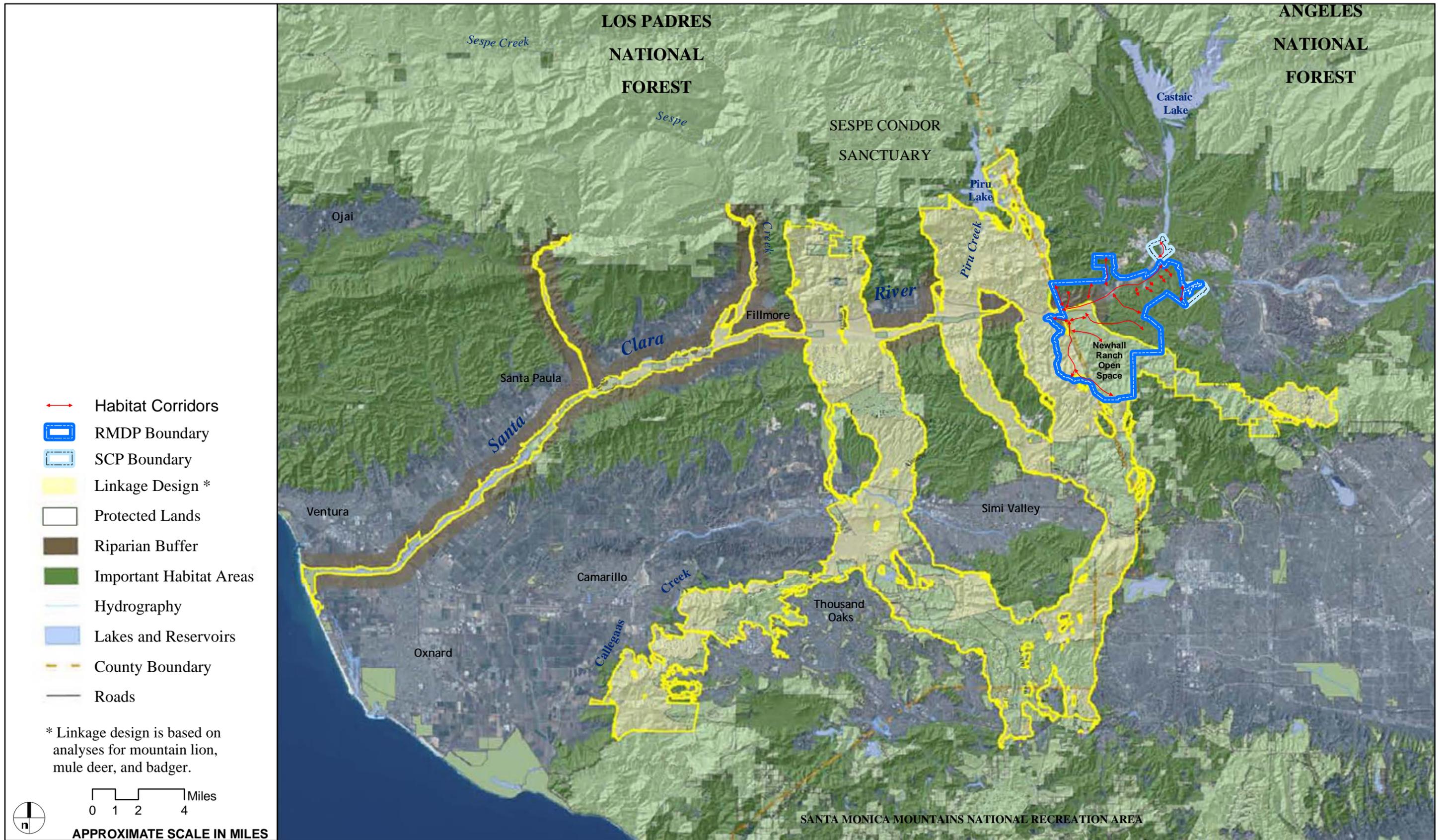


AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-21

Newhall Ranch - RMDP/SCP EIS/EIR

**Entrada RMDP/SCP Site - Vegetation Communities and Land Covers**



SOURCE: South Coast Wildlands, 2006

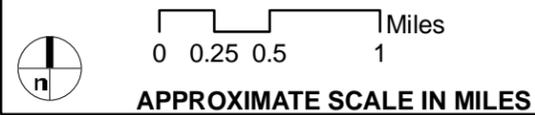
FIGURE 4.5-22

Newhall Ranch - RMDP/SCP EIS/EIR



**Legend**

-  RMDP Boundary
-  SCP Boundary
-  County Boundary
-  Middle Canyon Spring



AERIAL SOURCE: DigitalGlobe, 2007

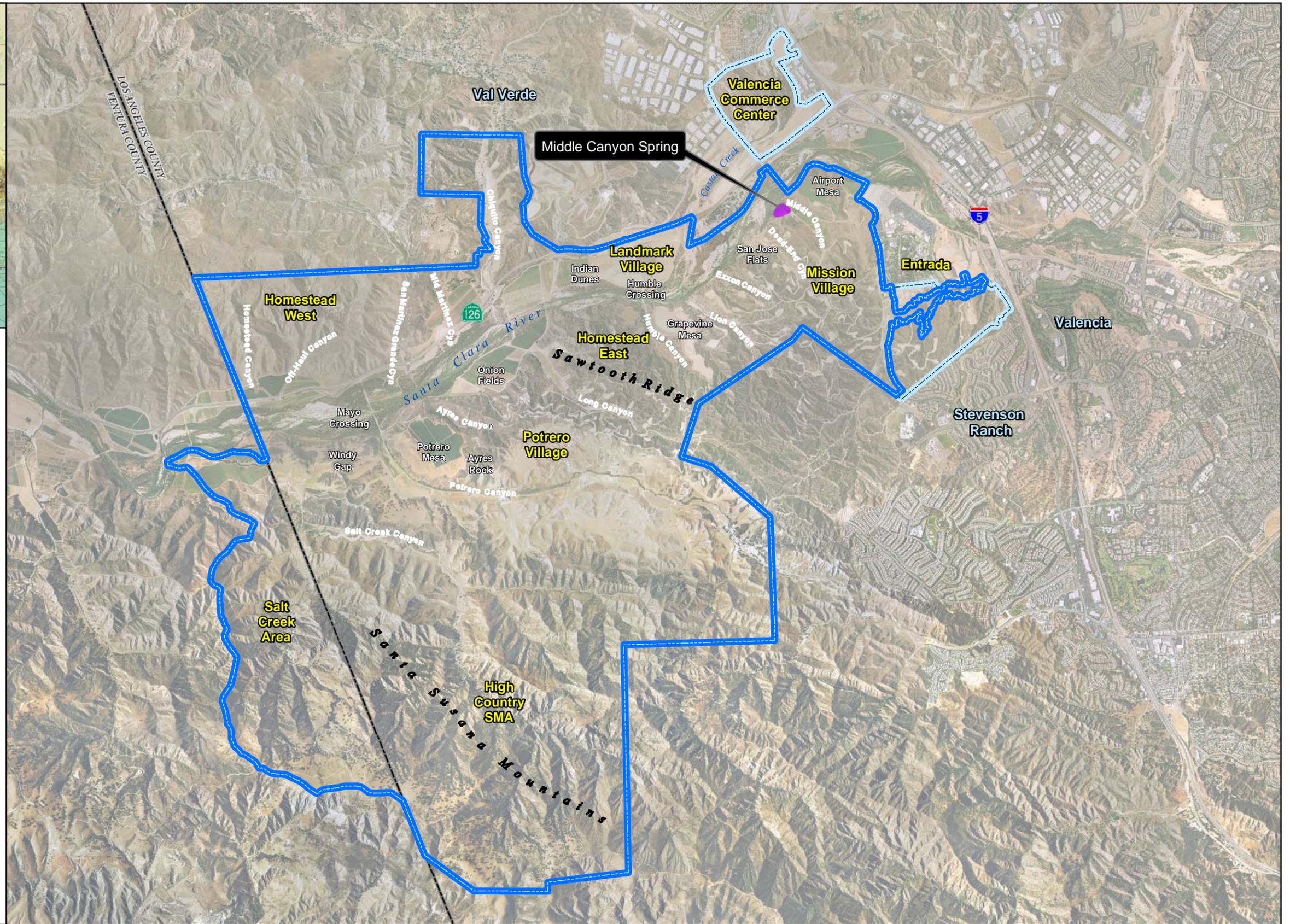
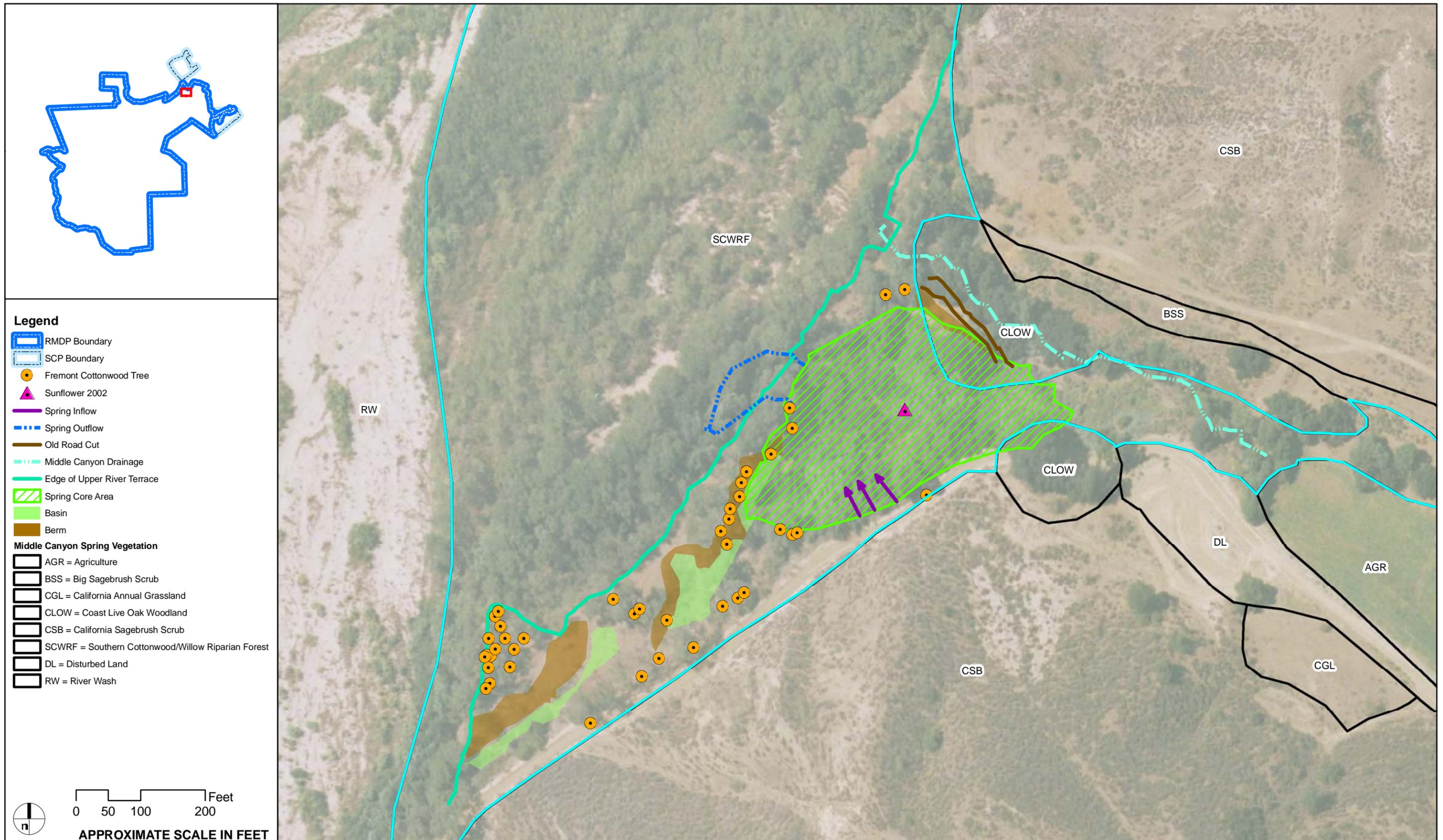


FIGURE 4.5-23

Newhall Ranch - RMDP/SCP EIS/EIR

**Middle Canyon Spring - Vicinity Map**



AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-24

Newhall Ranch - RMDP/SCP EIS/EIR

**Middle Canyon Spring - Existing Conditions**



Z:\Projects\373801\Newhall Ranch\map\EIS-EIR

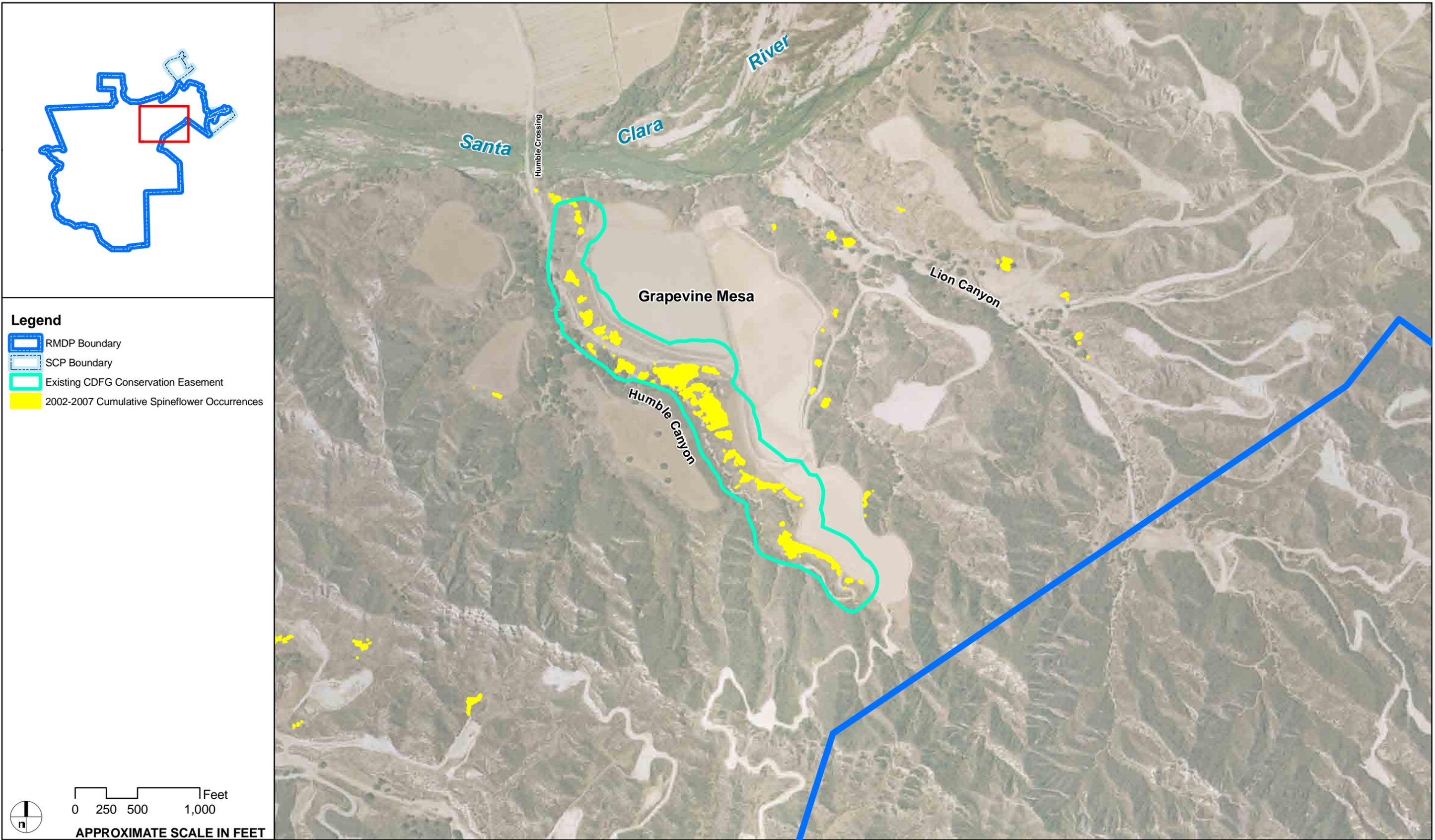


FIGURE 4.5-25

Newhall Ranch - RMDP/SCP EIS/EIR

**San Fernando Valley Spineflower Occurrences - Grapevine Mesa**

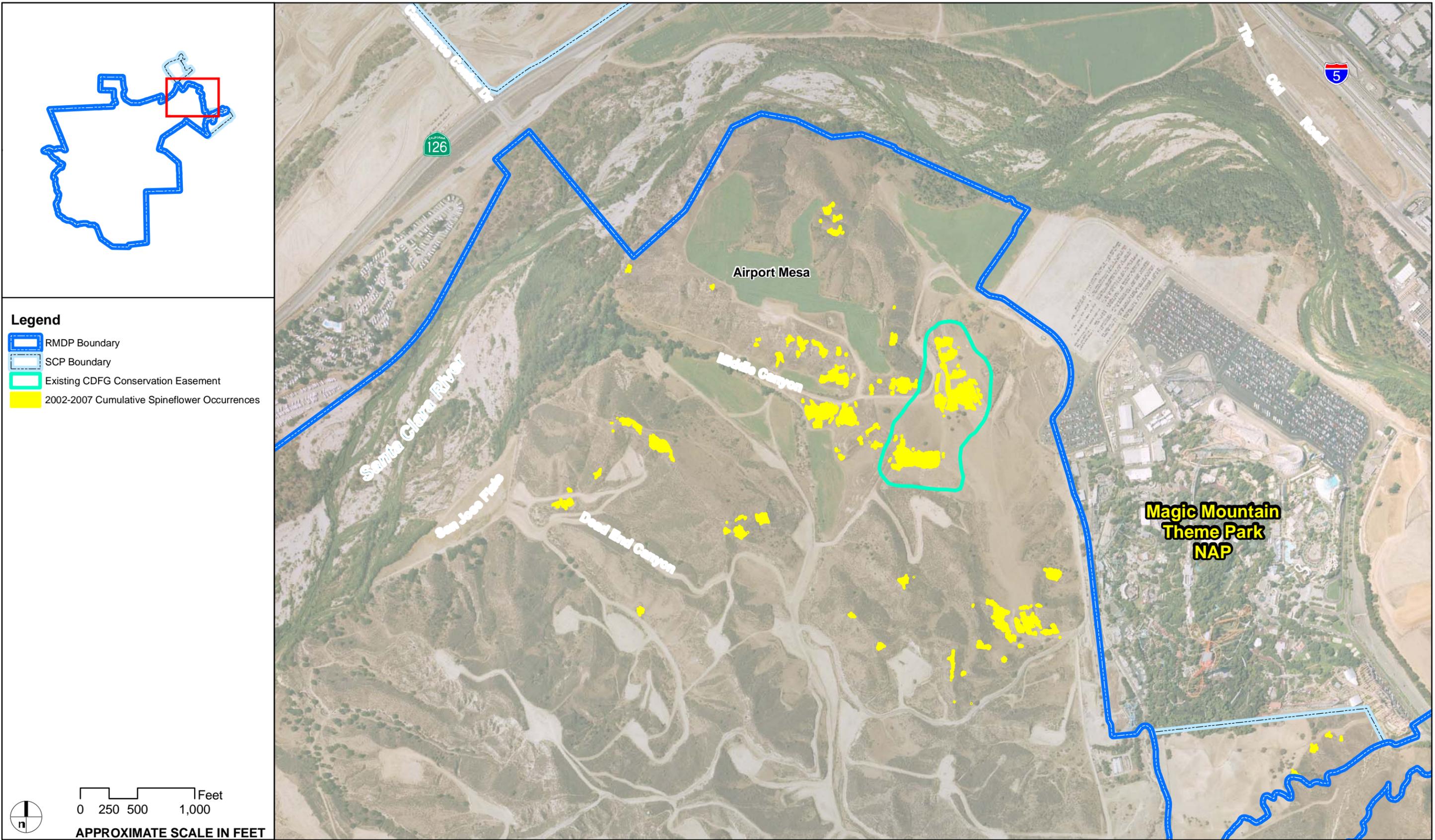


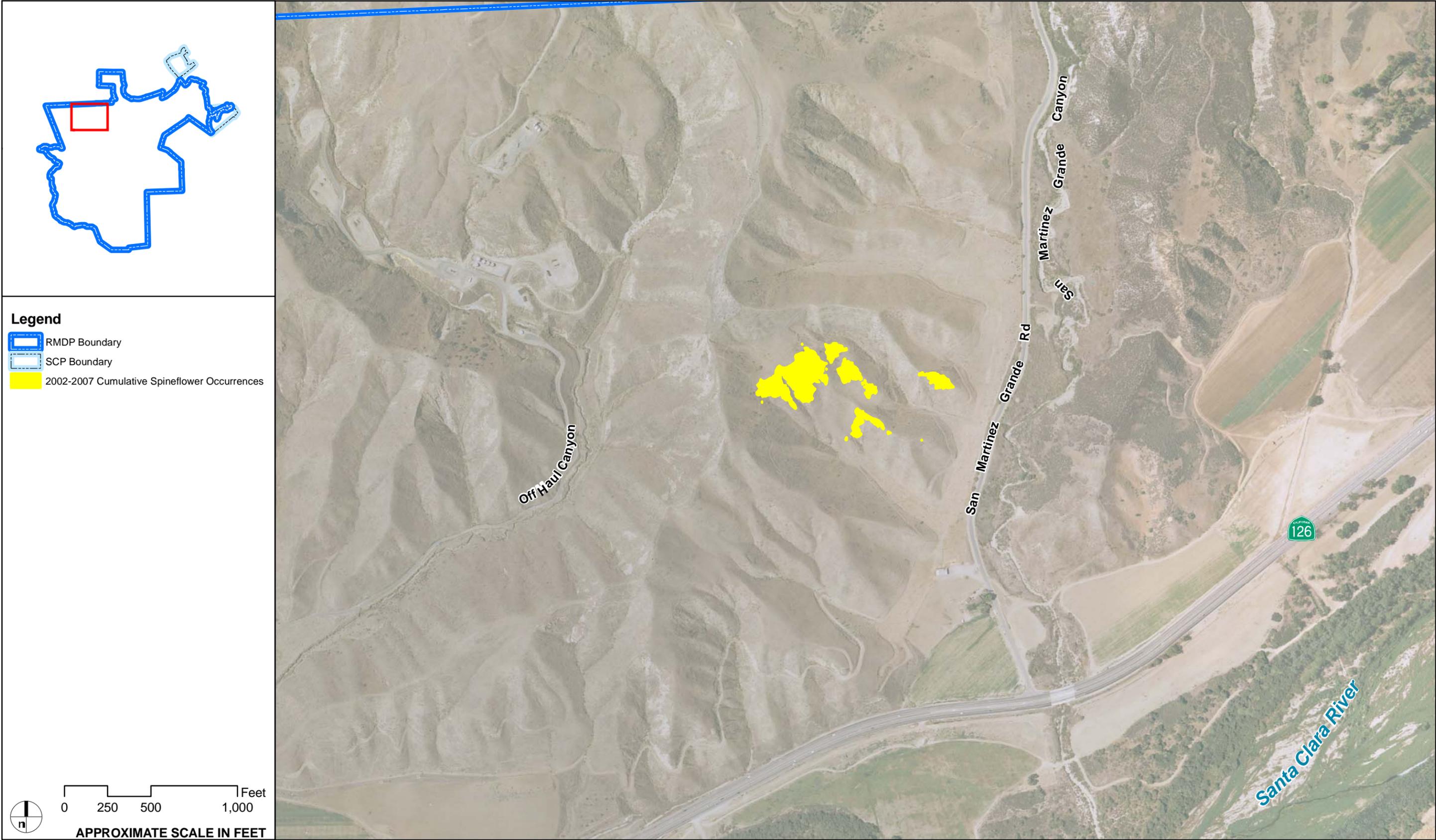
FIGURE 4.5-26

Newhall Ranch - RMDP/SCP EIS/EIR

**San Fernando Valley Spineflower Occurrences - Airport Mesa**



Z:\Projects\373801\Newhall Ranch\map\EIS-EIR



**Legend**

- RMDP Boundary
- SCP Boundary
- 2002-2007 Cumulative Spineflower Occurrences

0 250 500 1,000 Feet  
 APPROXIMATE SCALE IN FEET

AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-27

Newhall Ranch - RMDP/SCP EIS/EIR

**San Fernando Valley Spineflower Occurrences - San Martinez Grande**



Z:\Projects\373801\Newhall Ranch\aromap\EIS-EIR

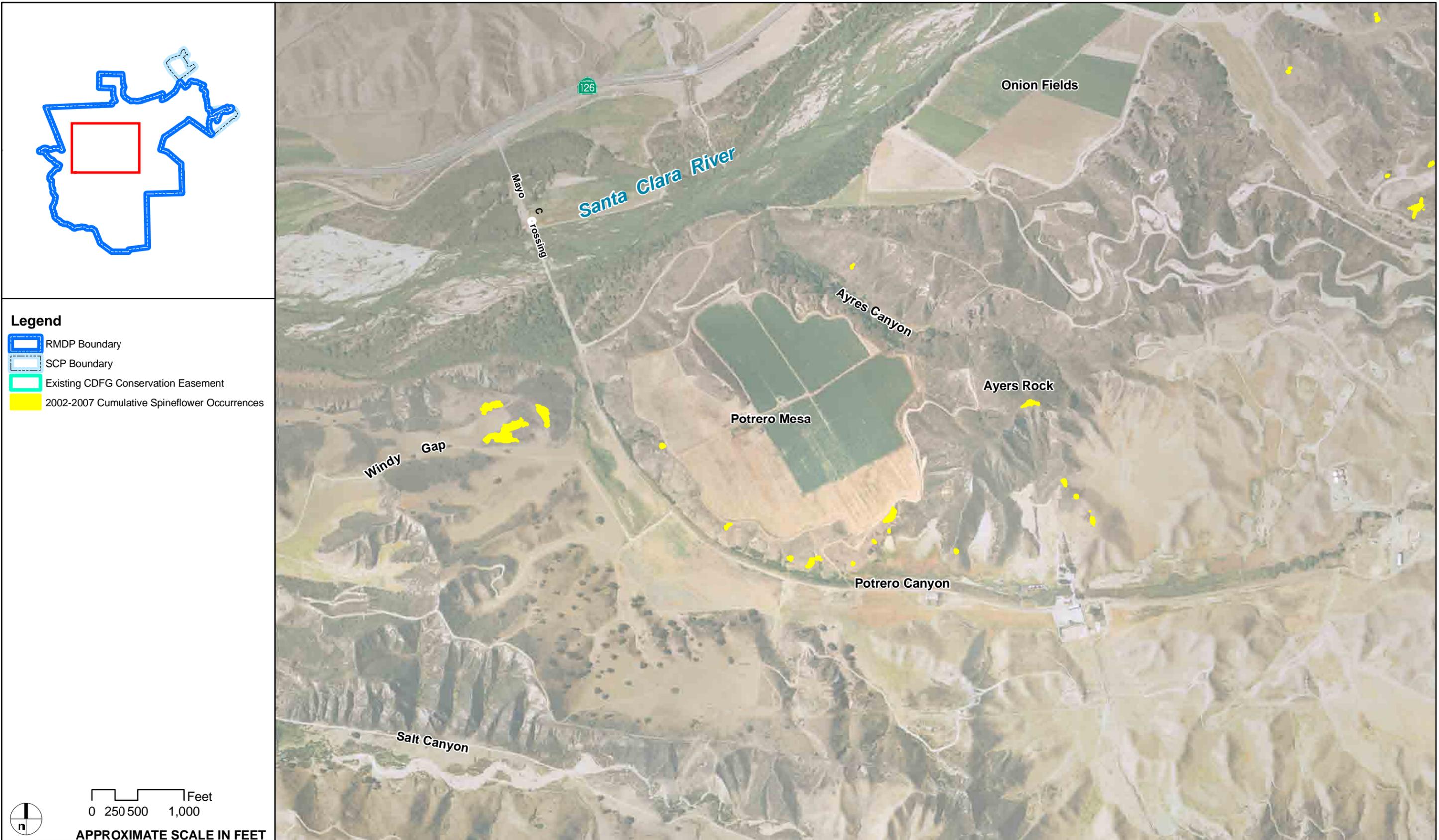


FIGURE 4.5-28

Newhall Ranch - RMDP/SCP EIS/EIR

**San Fernando Valley Spineflower Occurrences - Potrero Canyon**



AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-29

Newhall Ranch - RMDP/SCP EIS/EIR

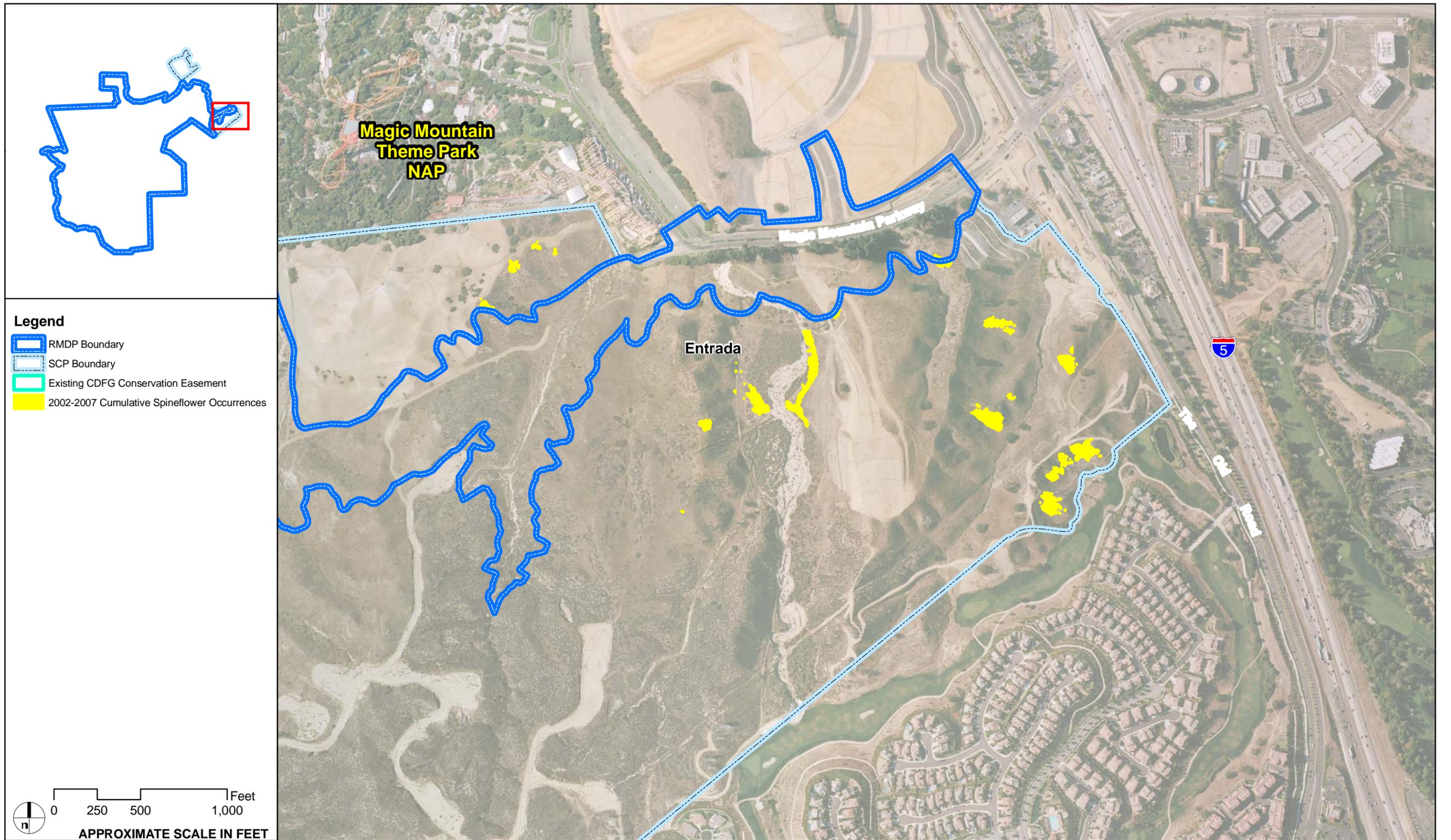


FIGURE 4.5-30

Newhall Ranch - RMDP/SCP EIS/EIR

**San Fernando Valley Spineflower Occurrences - Entrada**



**Legend**

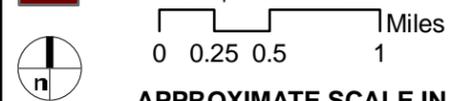
- RMDP Boundary
- SCP Boundary

**Regional Habitat Linkages**

- 1 - Santa Clara River Corridor
- 2 - Salt Creek Confluence
- 3 - Salt Creek High Country
- 4 - East Fork Salt Creek
- 5 - Potrero Canyon Salt Creek
- 6 - Potrero Canyon
- 7 - Long Canyon
- 8a - Humble Canyon
- 8b - Lion Canyon
- 8c - Exxon Canyon
- 8d - Dead End Canyon
- 8e - Middle Canyon
- 8f - Magic Mountain Canyon
- 9 - Chiquito Canyon
- 10 - San Martinez Grande Canyon
- 11 - Off-Haul Canyon
- 12 - Homestead Canyon
- 13 - Castaic/Hasley Corridor

**Slope**

- Less than 25 Percent Slope
- 25 Percent Slope or Greater



APPROXIMATE SCALE IN MILES

IMAGE SOURCE: USGS 24K Quad

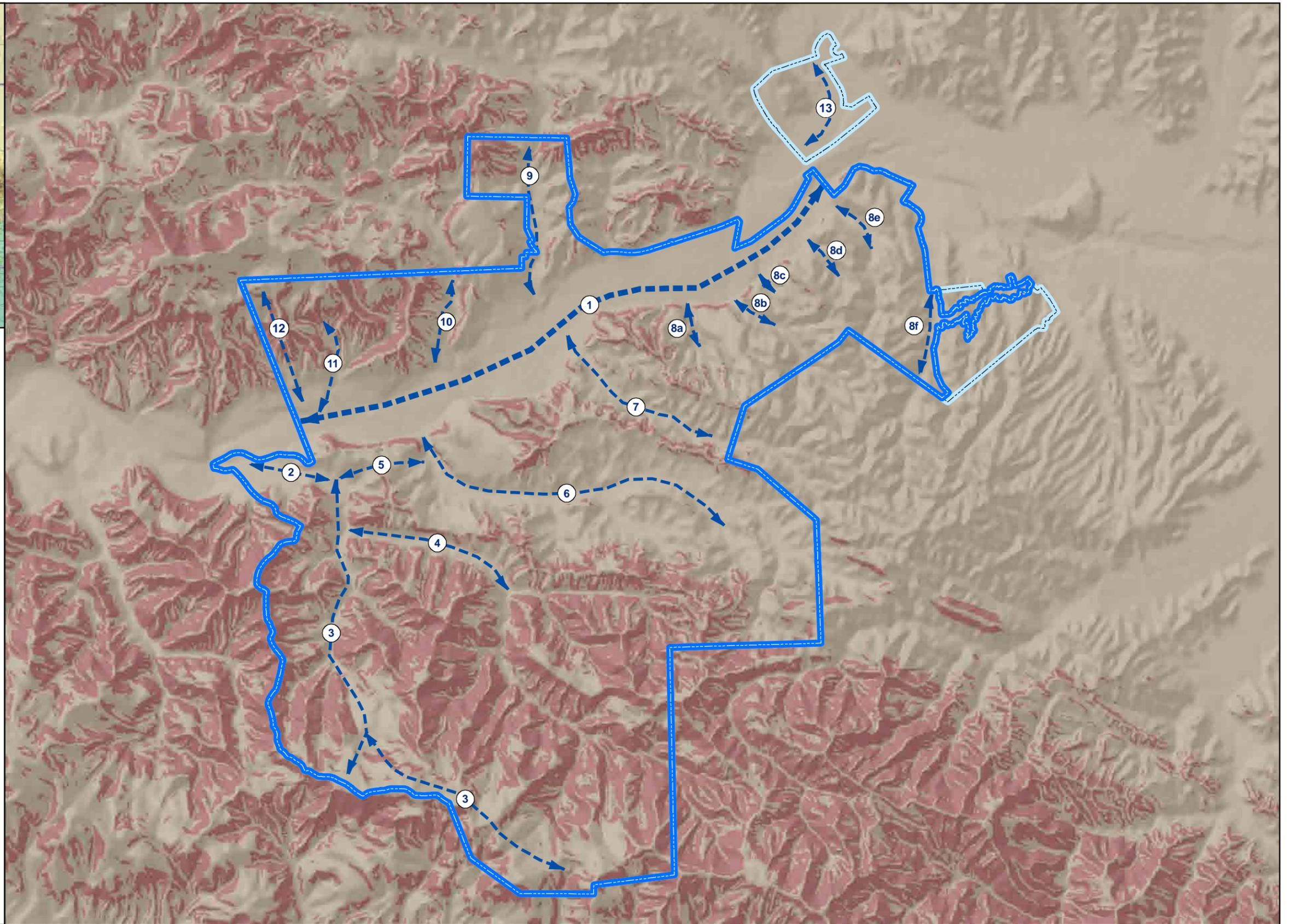
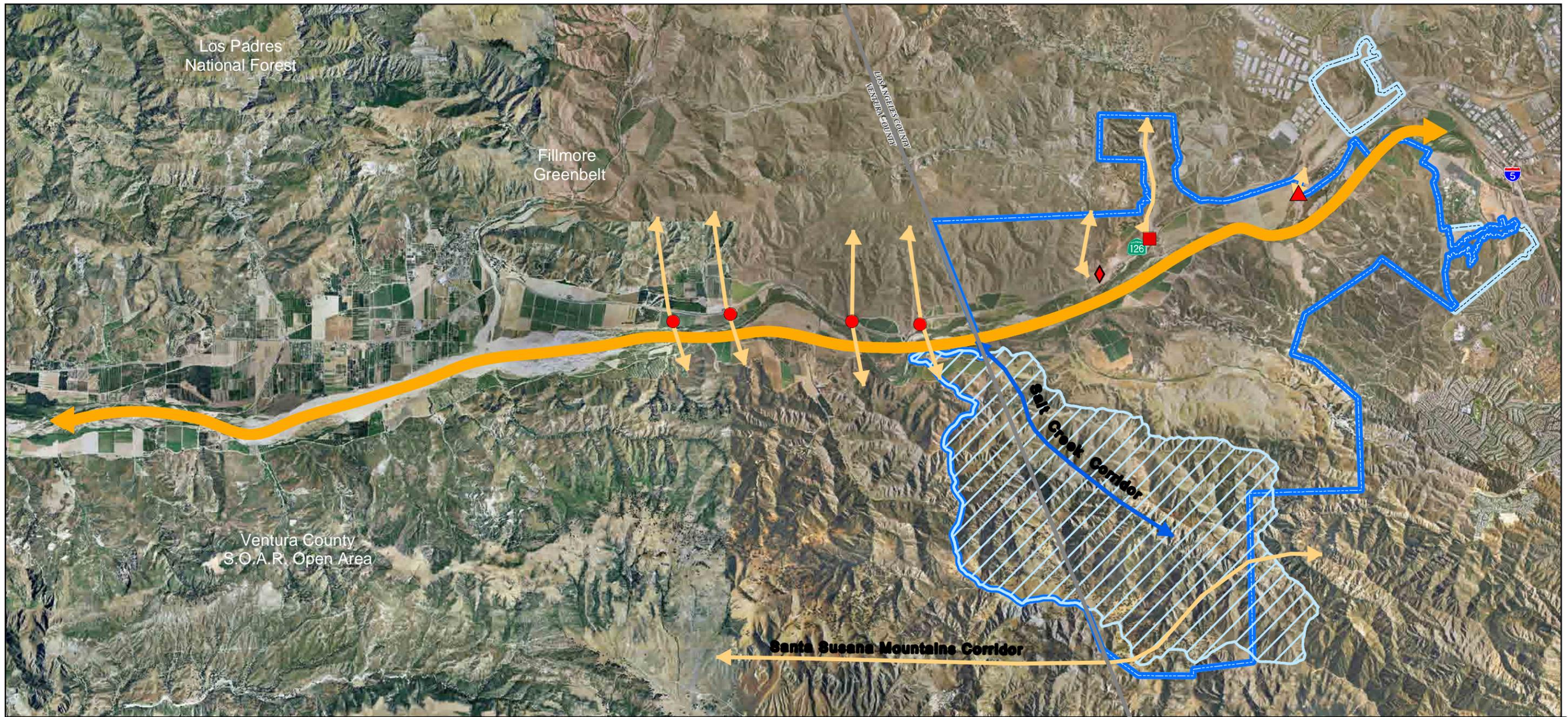


FIGURE 4.5-31

Newhall Ranch - RMDP/SCP EIS/EIR

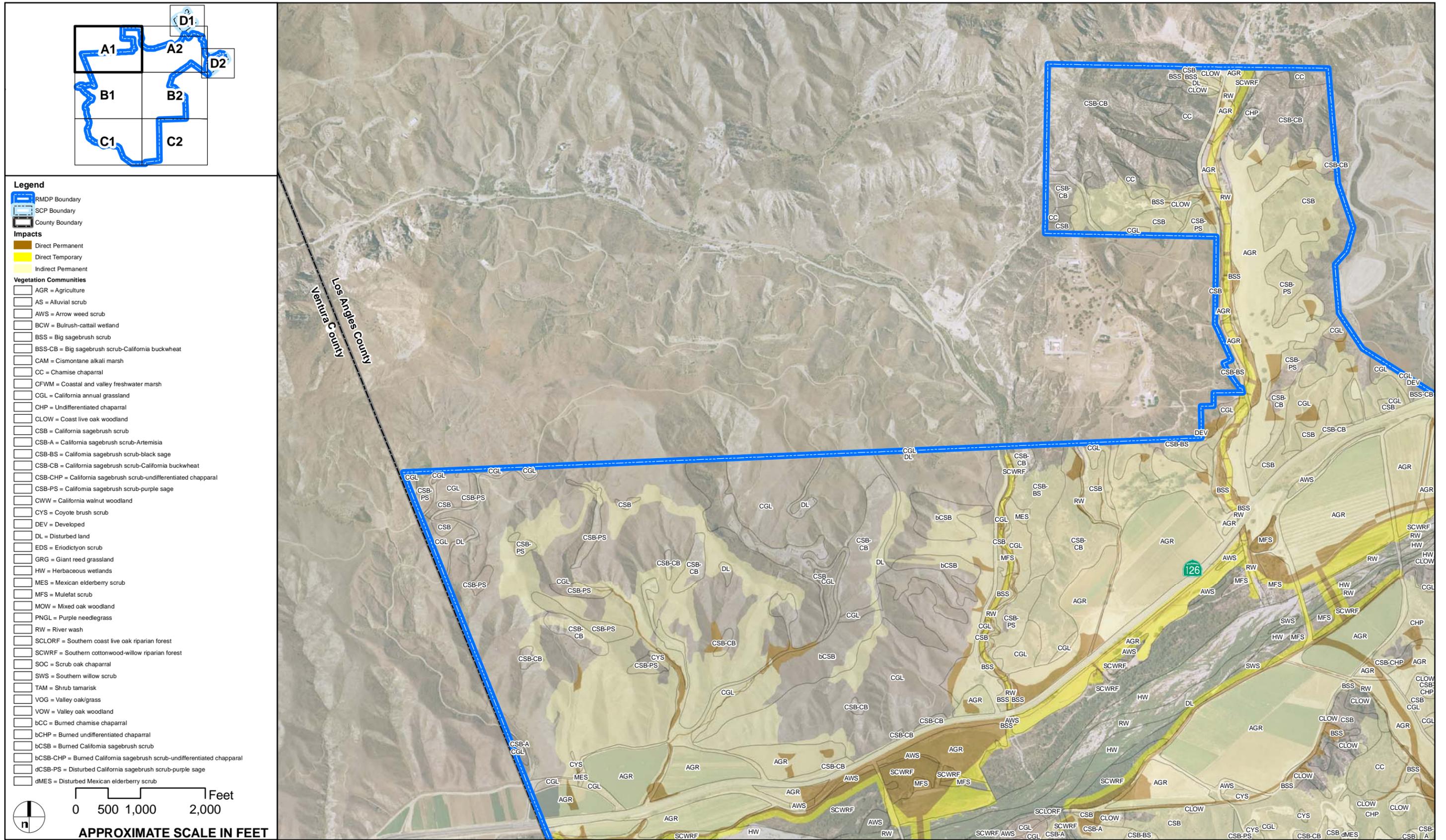


AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-32

Newhall Ranch - RMDP/SCP EIS/EIR

**Wildlife Connectivity Crossings**

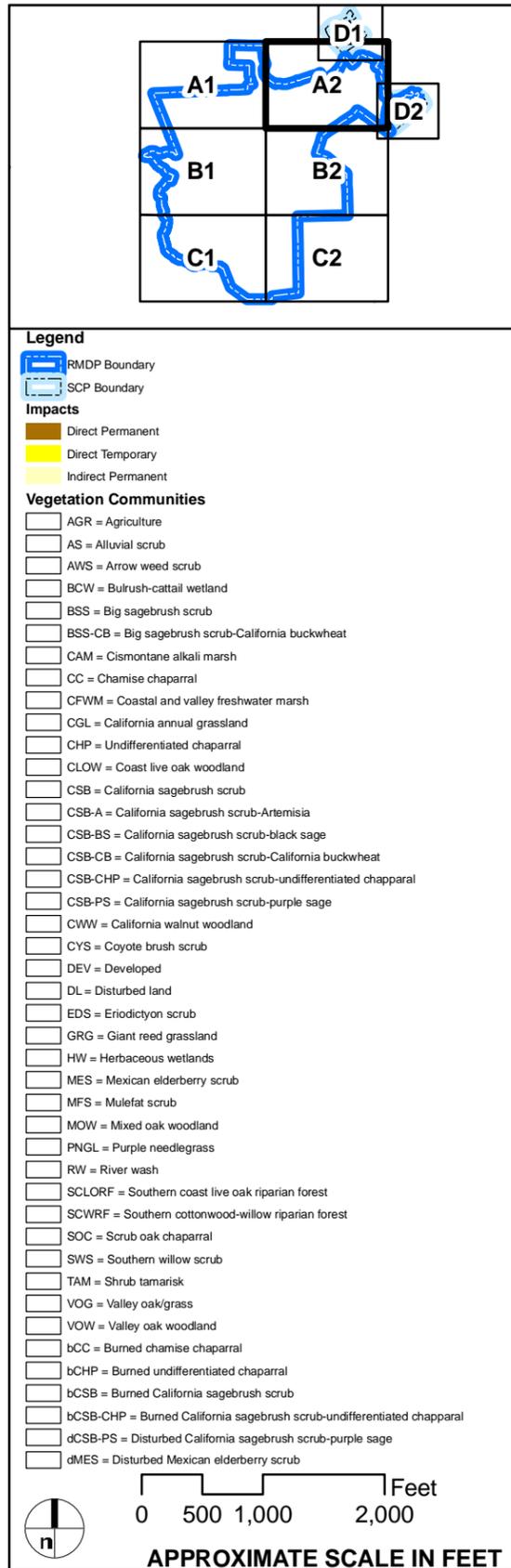


AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-33-A1

Newhall Ranch - RMDP/SCP EIS/EIR

**Alternative 2 Impacts to RMDP/SCP Vegetation Communities**



AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-33-A2

Newhall Ranch - RMDP/SCP EIS/EIR

Alternative 2 Impacts to RMDP/SCP Vegetation Communities





AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-33-B1

Newhall Ranch - RMDP/SCP EIS/EIR

Alternative 2 Impacts to RMDP/SCP Vegetation Communities

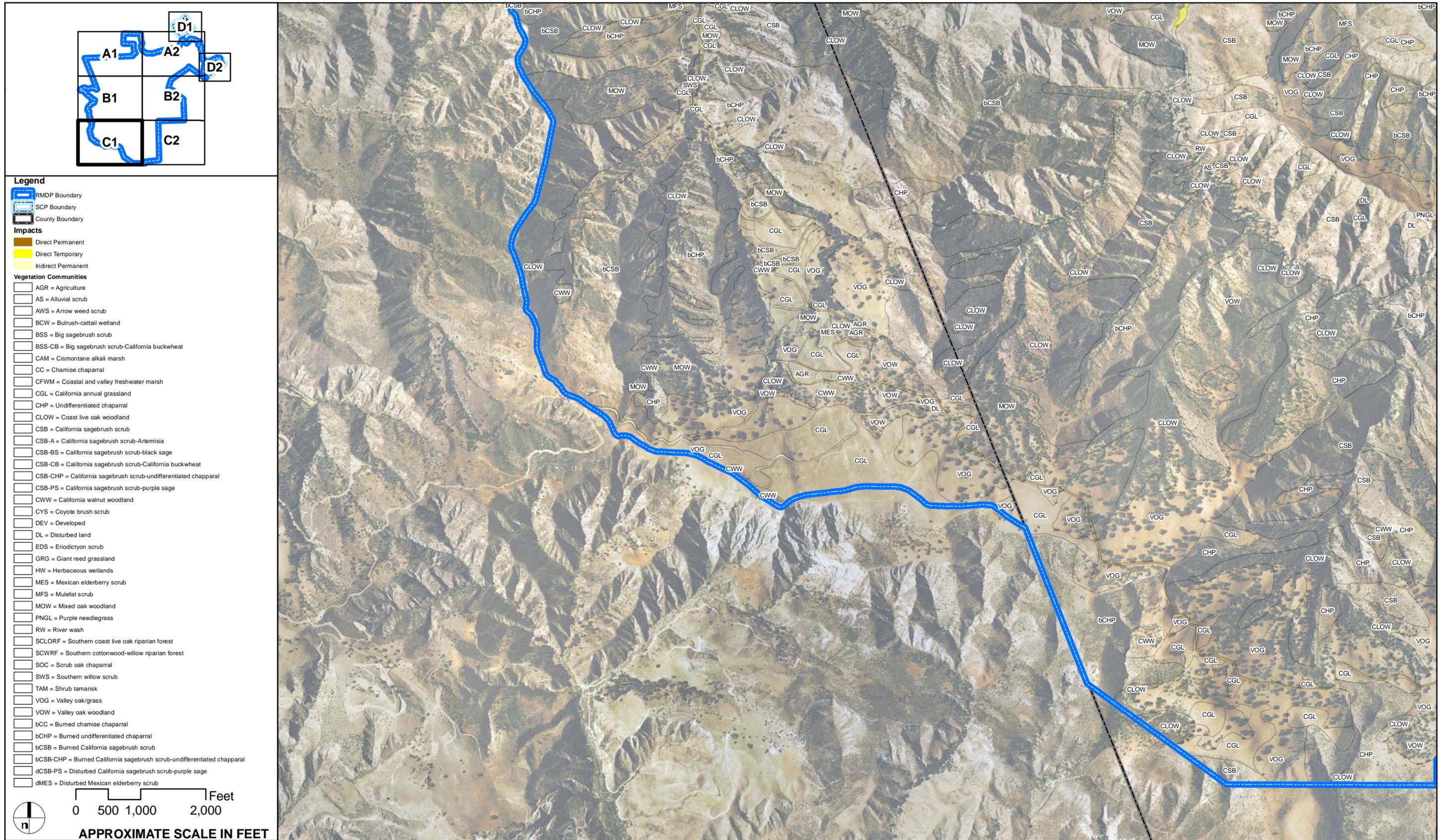




AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-33-B2

Newhall Ranch - RMDP/SCP EIS/EIR



AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-33-C1

Newhall Ranch - RMDP/SCP EIS/EIR

Alternative 2 Impacts to RMDP/SCP Vegetation Communities





AERIAL SOURCE: DigitalGlobe, 2007

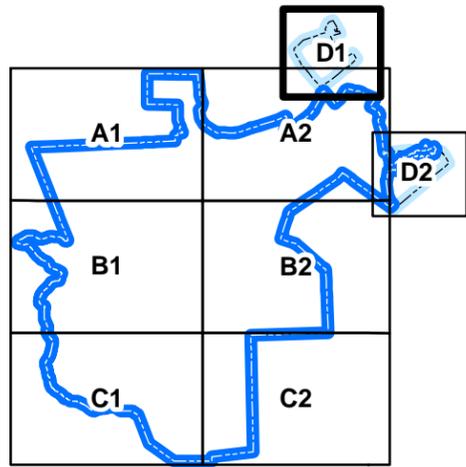
FIGURE 4.5-33-C2

Newhall Ranch - RMDP/SCP EIS/EIR

**Alternative 2 Impacts to RMDP/SCP Vegetation Communities**



Z:\Projects\373801\Newhall Ranch\arcmap\EIS-EIR



**Legend**

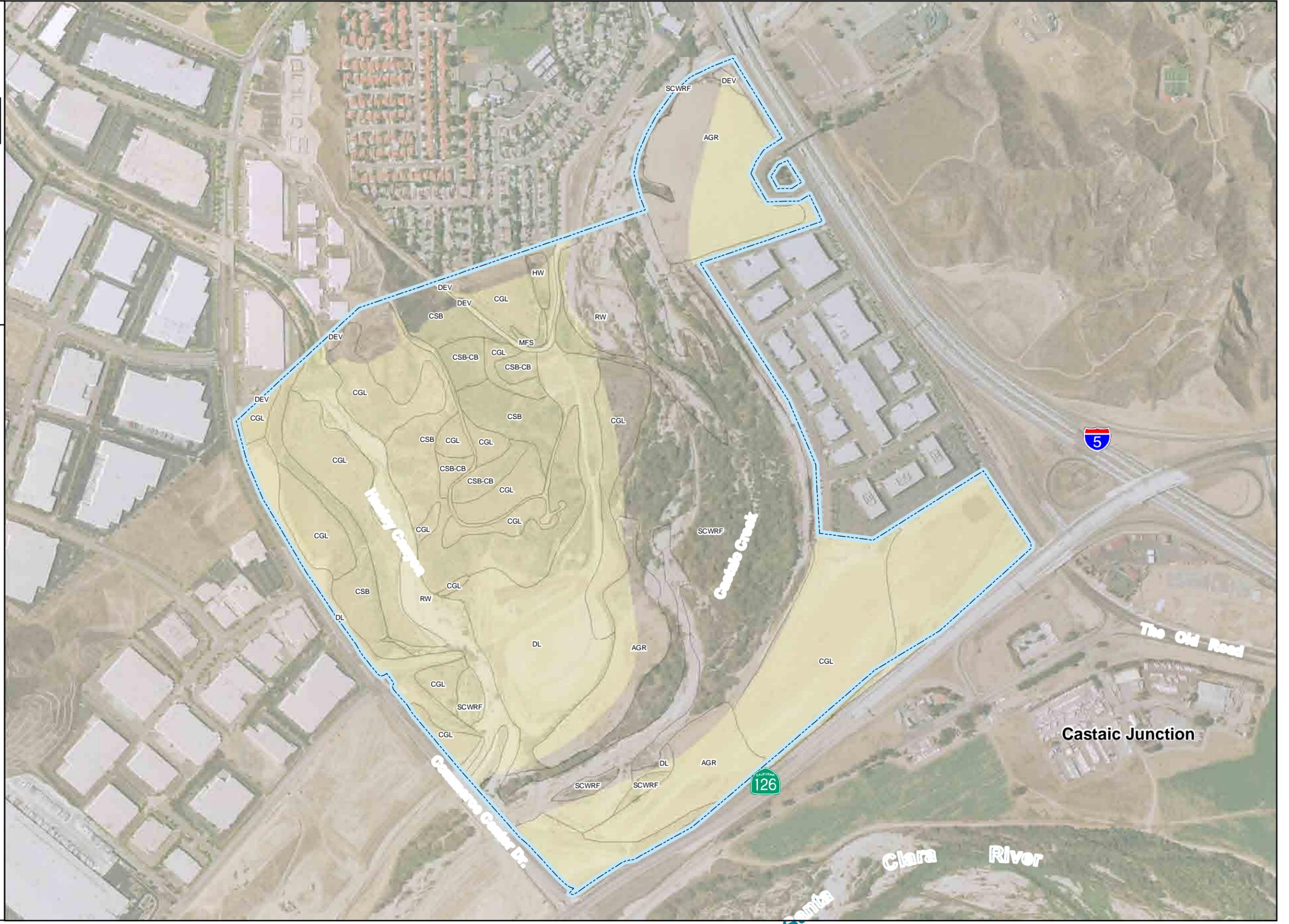
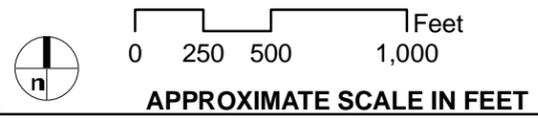
- RMDP Boundary
- SCP Boundary
- County Boundary

**Impacts**

- Direct Permanent
- Direct Temporary
- Indirect Permanent

**Vegetation Communities**

- AGR = Agriculture
- AS = Alluvial scrub
- BSS = Big sagebrush scrub
- CGL = California annual grassland
- CHP = Undifferentiated chaparral
- CSB = California sagebrush scrub
- CSB-A = California sagebrush scrub-Artemisia
- CSB-CB = California sagebrush scrub-California buckwheat
- DEV = Developed
- DL = Disturbed land
- HW = Herbaceous wetlands
- MFS = Mulefat scrub
- RW = River wash
- SCWRF = Southern cottonwood-willow riparian forest



AERIAL SOURCE: DigitalGlobe, 2007

FIGURE 4.5-33-D1

Newhall Ranch - RMDP/SCP EIS/EIR

**Alternative 2 Impacts to VCC Vegetation Communities**



Z:\Projects\373801\Newhall Ranch\map\EIS-EIR

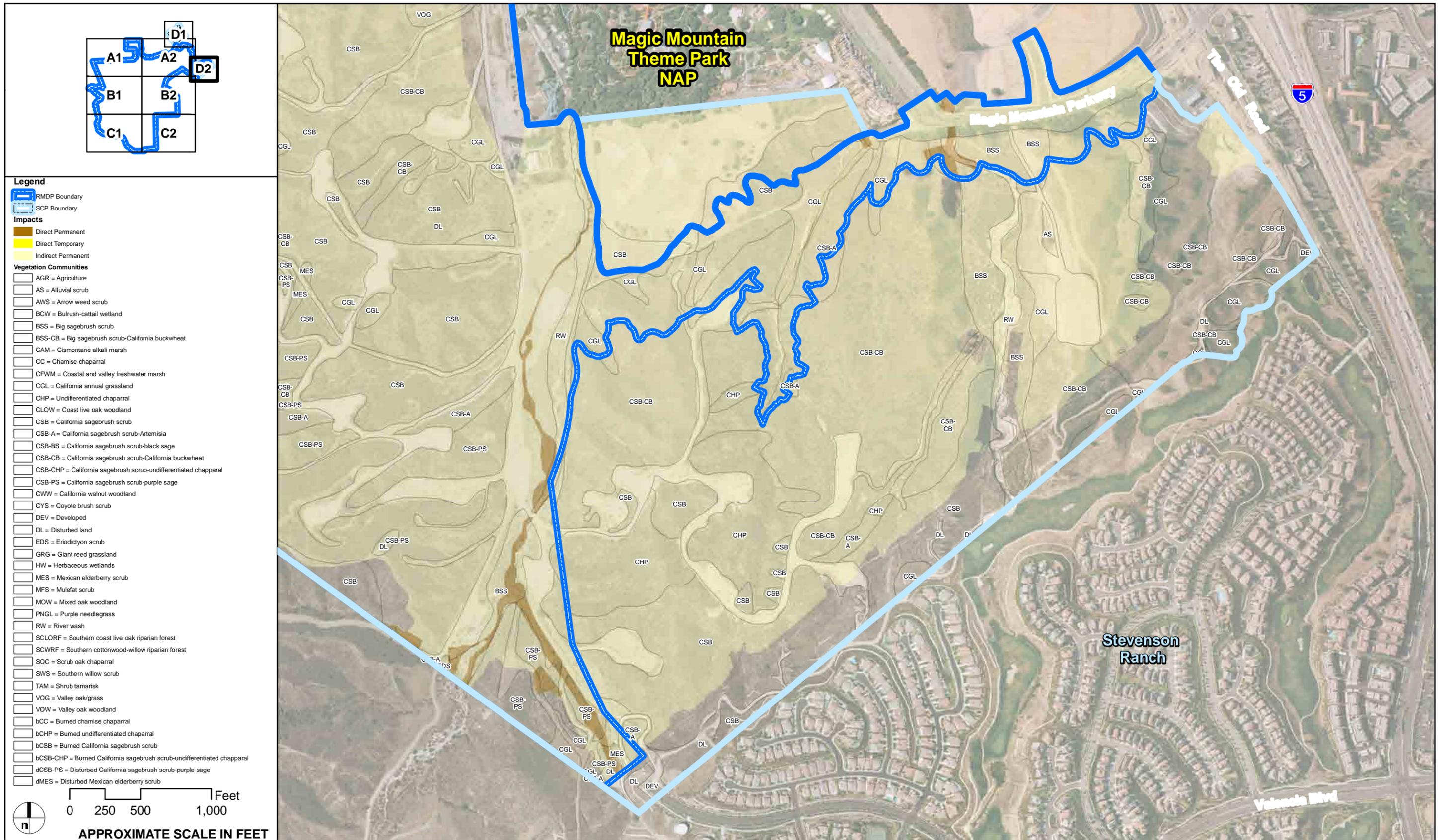


FIGURE 4.5-33-D2

Newhall Ranch - RMDP/SCP EIS/EIR

**Alternative 2 Impacts to Entrada Vegetation Communities**